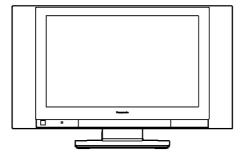
ORDER NO. ITD0403005C1

B05 Canada:B07

TC-32LX20 / TC-26LX20 LH34 Chassis



SPECIFICATIONS

Specifications

Power Source AC 120 V, 50/60 Hz

Power Consumption Average use : 133 W (Maximum Current 1.7 A) (TC-26LX20)

Average use: 164 W (Maximum Current 2.2 A) (TC-32LX20)

Stand-by condition: 0.4 W

LCD 26-inch (661mm) (TC-26LX20)

32-inch (802mm) (TC-32LX20)

16:9 aspect ratio LCD panel

Screen Size 22.30" x 13.38" x 26.00" (556.4 mm x 339.8 mm x 660.5 mm) (TC-26LX20) (W x H x diagonal) 27.06" x 16.24" x 31.56" (687.4mm x 412.4 mm x 801.6 mm) (TC-32LX20)

Channel Capability VHF-12 : UHF-56 : Cable-125

Sound

Speakers $\phi_{8 \text{ cm}} \times 2 \text{ pcs}, \phi_{4 \text{ cm}} \times 2 \text{ pcs}, 8 \Omega$.

Headphones M3 (3.5 mm) Jack x 1

FEATURES CLOSED CAPTION, V-Chip, SD / PC card slots
Operating Conditions Temperature : 41 °F - 95 °F (5 °C - 35 °C)

Humidity: 5 % - 90 % RH (non-condensing)

Connection Terminals

INPUT VIDEO (RCA PIN Type \times 1) \times 2 1.0 Vp-p (75 Ω)

S-VIDEO (MINI DIN 4pin × 1) × 2 $Y: 1 \text{ Vp-p } (75 \ \Omega), C: 0.286 \text{ Vp-p } (75 \ \Omega)$

)

AUDIO L-R (RCA PIN Type × 2) × 2 0.5 Vrms

COMPONENT Y x 2 1.0 Vp-p (including synchronization)

VIDEO INPUT PB / PR \times 2 \pm 0.35 Vp-p

AUDIO L-R (RCA PIN Type × 2) × 2 0.5 Vrms

OUTPUT AUDIO L-R (RCA PIN Type × 2) × 1 0.5 Vrms

HDMI TYPE A Connector × 1

AUDIO L-R (RCA PIN Type × 2) × 1 0.5 Vrms

Dimensions (W \times H \times D)

Including TV Stand 33.23" \times 22.51" \times 12.64" (844 mm \times 571.8 mm \times 321 mm) (TC-26LX20)

39.37" × 25.66" × 12.64" (1000mm × 651.7 mm × 321 mm) (TC-32LX20)

TV Set Only 33.23" × 18.82" × 5.39" (844 mm × 478 mm × 137 mm) (TC-26LX20)

39.37" × 21.97" × 5.39" (1000mm × 558 mm × 137 mm) (TC-32LX20)

Mass (Weight) 22.8 kg (59.2 lb.) NET (TC-26LX20)

27.3 kg (60.1 lb.) NET (TC-32LX20)

Note:

Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

Panasonic[®]

1. Safety Precautions

1.1. General Guidelines

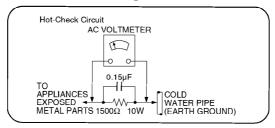
- 1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- 2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- 3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

- 1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to thechassis, the reading should be between 1M Ω and 5.2M Ω .
 - When the exposed metal does not have a return path to the

chassis, the reading must be ∞ .

Figure 1



1.1.2. Leakage Current Hot Check (See Figure 1.)

- 1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
- 2. Connect a 1.5k Ω , 10 watts resistor, in parallel with a 0.15 μ F capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- 4. Check each exposed metallic part, and measure the voltage at each point.
- 5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

2. Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your

body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.

- 2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- 3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
- 4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparableconductive material).
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient todamage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.

These parts are marked by \triangle in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

3. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu). That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

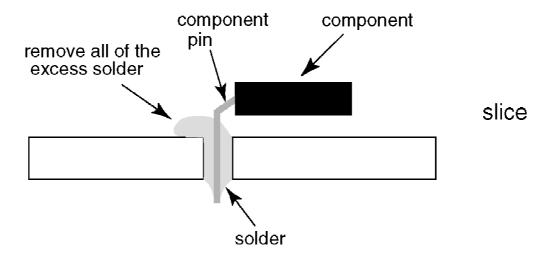
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol



stamped on the back of PCB.

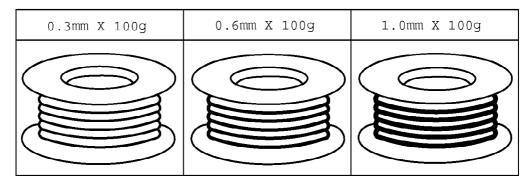
Caution

- Pb free solder has a higher melting point than standard solder.
 Typically the melting point is 50 ~ 70 °F (30~40°C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
 - If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.



4. Self-check function

When phenomena like "the power fails from time to time" or "the video/audio fails from time to time" can not be confirmed at the time of servicing, the self-check function can be used to confirm the occurrence and to limit the scope forthe defective circuits. Also, when "the power fails from time to time", display on the screen can be used to confirm the occurrence and to limit the scope for the defective circuits.

Any programmed channels, channels caption data and some other user defined settings will be erased and return to factory setting.

4.1. How to access

4.1.1. Access

Produce TV reception screen and, while pressing [VOLUME-] button on the main unit, press [SLEEP] button on the remote control unit simultaneously.

4.1.2. Exit

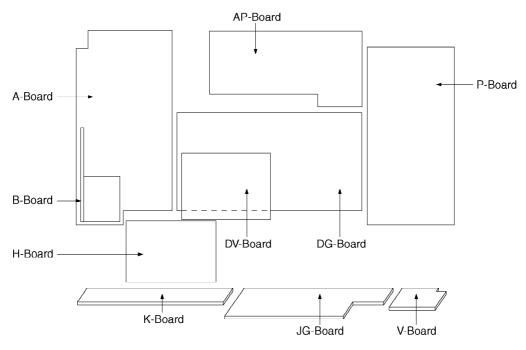
When one of the buttons for channel selection etc. is pressed, the display returns to the normal screen.

4.2. Screen display

	SELF (CHECK	
MEMORY	OK	TNR1	OK
MTS AVSW-V	OK OK	SOUND AVSW-A	OK OK
GC3FM	OK	GC3FS	OK
GC3I	OK	HDMI	OK
INCH 26	;		

Display	Ref No.	Description	P.C.B
MEMORY	IC1102	EEPROM1	DG-BOARD
TNR1	TU3801	Tuner	B-BOARD
MTS	IC3103	Multi Sound Processor	A-BOARD
SOUND	IC2301	Sound Control	A-BOARD
AVSW-V	IC3101,	Video Switch, Audio Switch	A-BOARD
	IC3102		
AVSW-A	IC3102	Audio Switch	A-BOARD
GC3FM	IC4011	Grobal Core MAIN	DG-BOARD
GC3FS	IC4010	Grobal Core SUB	DG-BOARD
GC3I	IC4002	Groval Core IP	DG-BOARD
HDMI	IC5003	DVI I/F Receiver	DV-BOARD

5. Chassis Board Layout

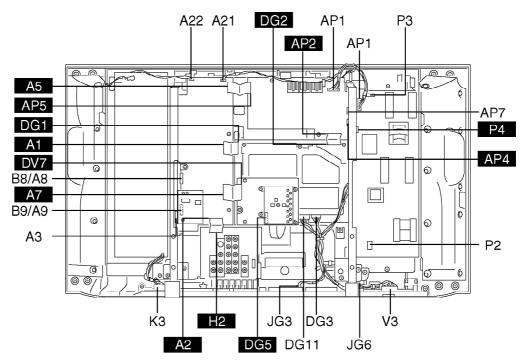


Board Name	Function
A-Board	MTS, Analog Audio SW, Analog Video SW, Audio
	Processor & Amp
AP-Board	Regulator, 30V
B-Board	Tuner
DG-Board	GC3FM, GC3FS, GC3I, PCN, MCU, EEPROM, LVDS
DV-Board	DVI, IF Receiver
H-Board	AV, IN/OUT Terminals
JG-Board	PC Card & SD Card Slot, JPEG IF, D/A Encoder
K-Board	Key Switch, AV/HP Terminals
P-Board	AC IN, Line Filter, AD/DC, DC Power Supply
V-Board	Remote sensor, LED

6. Before servicing

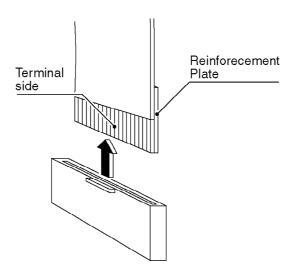
6.1. Kind and location of the flexible cable

Ref No.	Flexible cable	Connector type	Pins	Location	Opposite
A 1	•	type1	50pin	A-BOARD	DG
A2	•	type1	50pin	A-BOARD	H:
А3	-	-	20pin	A-BOARD	ki
A5	•	type1	20pin	A-BOARD	AF
A7	•	type1	30pin	A-BOARD	DV
A8	-	-	9pin	A-BOARD	В
A9	-	-	9pin	A-BOARD	B!
A21	-	-	3pin	A-BOARD	L-Spe
A22	-	-	3pin	A-BOARD	R-Spe
AP1	-	-	6pin	AP-BOARD	P,
AP2	•	type2	50pin	AP-BOARD	DG
AP4	•	type1	11pin	AP-BOARD	P ₄
AP5	•	type1	20pin	AP-BOARD	A!
AP7	-	-	8pin	AP-BOARD	JG
В8	-	-	9pin	B-BOARD	Al
В9	-	-	9pin	B-BOARD	A!
DG1	•	type1	50pin	DG-BOARD	A [,]
DG2	•	type2	50pin	DG-BOARD	AF
DG3	-	-	15pin	DG-BOARD	V;
DG5	•	type2	30pin	DG-BOARD	LCD F
DG11	-	-	11pin	DG-BOARD	JG
DV7	•	type1	30pin	DV-BOARD	A
H2	•	type1	50pin	H-BOARD	A:
JG3	-	-	11pin	JG-BOARD	DG
JG6	-	-	8pin	JG-BOARD	AF
K3	-	-	20pin	K-BOARD	A:
P1	-	-	6pin	P-BOARD	AF
P2	-	-	2pin	P-BOARD	AC C
P3	-	•	8pin	P-BOARD	LCD Panel
P4	•	type1	11pin	P-BOARD	AP
V3	-	-	15pin	V-BOARD	DG

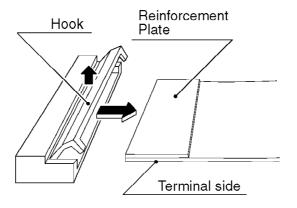


6.2. How to remove the connector

Connector type1



Connector type2

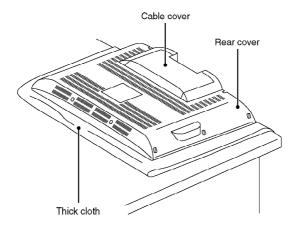


7. Disassembly for Service

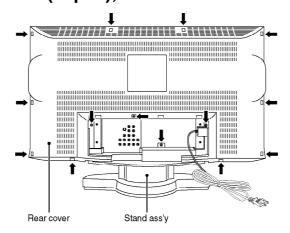
7.1. Rear cover and Stand

7.1.1. Rear cover

- 1. Thick cloth and so on is down not to damage a LCD screen, and the unit is layed down as shown in figure below.
- 2. Detach the Cable cover.

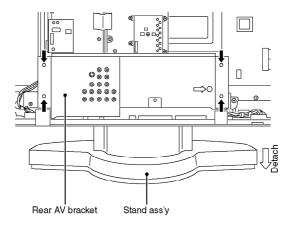


3. Remove the screws (14pcs), detach the rear cover.

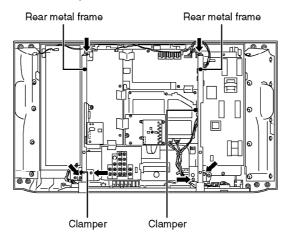


7.1.2. Stand and Rear metal frame

- 1. Remove the Rear cover.
- 2. Remove the screws (4pcs), detach the Stand ass'y.
- 3. Remove a screw () and disconnect the coupler (P2), detach the Rear AV bracket (with the power cord).



4. Remove the screw (6pcs) and release the wires from the clampers on the Rear metal frame, detach the Rear metal frame.

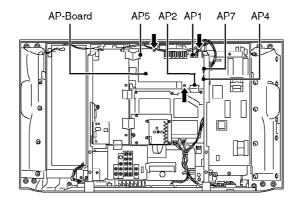


Caution:

PCB Fixing screws driving torque : 0.2-0.3 N⋅m (2-3kg⋅mm) Do not tighten screws so hard.

7.2. AP-BOARD

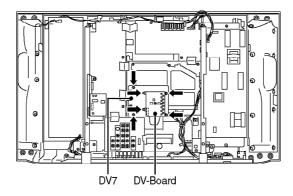
- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the screws (3pcs) and disconnect the couplers (AP1 and AP7) and flexible cables (AP2, AP4 and AP5) and detach the AP-BOARD.



PCB Fixing screws driving torque : 0.2-0.3 N⋅m (2-3kg⋅mm) Do not tighten screws so hard.

7.3. DV-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the screws (6pcs) and disconnect a flexible cable (DV7) and detach the DV-BOARD.

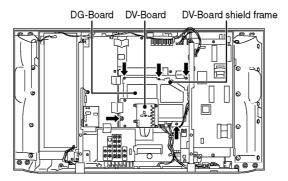


Caution:

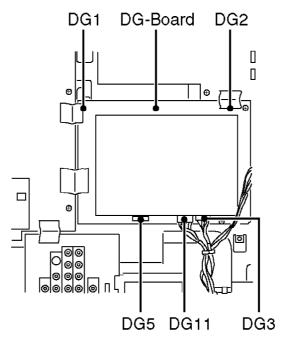
PCB Fixing screws driving torque : 0.2-0.3 N·m (2-3kg·mm) Do not tighten screws so hard.

7.4. DG-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the screws (5pcs), detach the DV-BORAD with DV-Board shield frame.



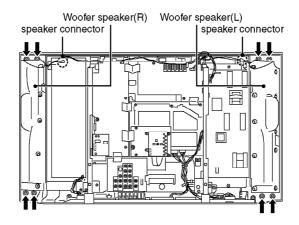
4. Disconnect the couplers (DG3, DG11) and flexible cables (DG1, DG2, and DG5) and detach the DG-BOARD.



Caution:

PCB Fixing screws driving torque : 0.2-0.3 N⋅m (2-3kg⋅mm) Do not tighten screws so hard.

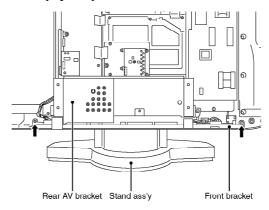
- **7.5. Speaker (L, R)**
- 1. Remove the rear cover.
- 2. Remove the screws (4pcs(L), 4pcs(R)) and disconnect the Speaker connector (L, R) and detach the Speakers (L, R).



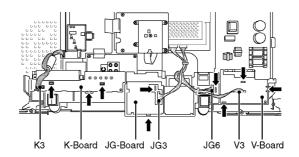
Speaker Fixing screws driving torque : 0.2-0.3 N⋅m (2-3kg⋅mm) Do not tighten screws so hard.

7.6. K, JG, V-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the Stand ass'y.
- 4. Remove the screws (2pcs) and detach the Front bracket.



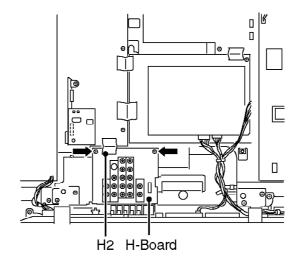
- 5. Disconnect the coupler (K3), release the claws (3 points) and detach the K-BOARD.
- 6. Disconnect the couplers (JG3, JG6), release the claws (3 points) and detach the JG-BOARD.
- 7. Disconnect the coupler (V3), release the claws (3 points) and detach the V-BOARD.



PCB Fixing screws driving torque : 0.2-0.3 N⋅m (2-3kg⋅mm) Do not tighten screws so hard.

7.7. H-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the screws (2pcs) and disconnect the flexible cable (H2) and detach the H-BOARD.

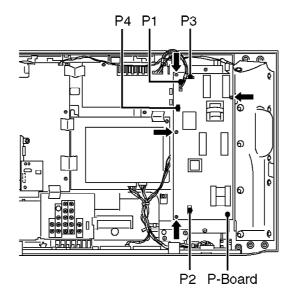


Caution:

PCB Fixing screws driving torque : 0.2-0.3 N⋅m (2-3kg⋅mm) Do not tighten screws so hard.

7.8. P-BOARD

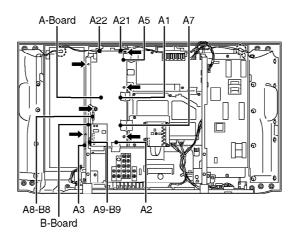
- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the Speakers (L). (Refer to item 7.5.)
- 4. Remove the screws (4pcs) and disconnect the couplers (P1, P2 and P3) and a flexible cable (P4), detach the P-BOARD.



PCB Fixing screws driving torque : 0.2-0.3 N⋅m (2-3kg⋅mm) Do not tighten screws so hard.

7.9. A-BOARD and B-BOARD

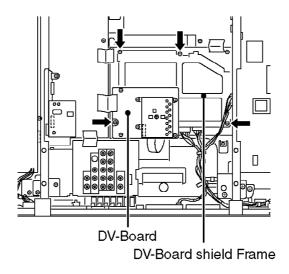
- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the screws (6pcs) and disconnect the couplers (A3, A21, A22) and the flexible cables (A1, A2, A5, A7) detach the A-BOARD with B-BOARD.
- 4. Disconnect the connectors (A8-B8, A9-B9) to remove the B-BOARD.



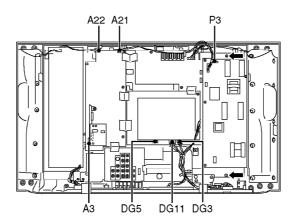
7.10. LCD panel

1. Remove the rear cover. (Refer to item 7.1.1.)

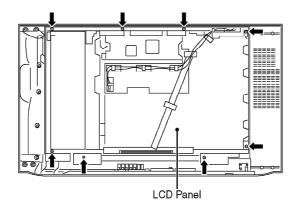
- 2. Remove the Rear AV bracket, the stand ass'y and the Rear metal frame. (Refer to item 7.1.2.)
- 3. Remove the L-Speaker. (Refer to item 7.5)
- 4. Remove the screws (4pcs), detach the DV-Board shield frame with DV-Board.



- 5. Disconnect the flexible cable (DG5) and the couplers (A3, A21, A22, DG3, DG11, P3).
- 6. Remove the screws (2pcs) and detach the CH Frame with the P.C Boards.



7. Remove the screws (8pcs) and detach the LCD Panel.



PCB Fixing screws driving torque : 0.2-0.3 N⋅m (2-3kg⋅mm) Do not tighten screws so hard.

8. Adjustment method

8.1. How to enter into adjustment mode

While pressing [VOLUME-] button of the main unit, press [RECALL] button of the remote control transmitter three times in a row (within 2 seconds).

8.1.1. Adjustment method.....Use the remote control.

- "1" button...Main items Selection in forward direction
- "2" button...Main items Selection in reverse direction
- "3" button...Sub items Selection in forward direction
- "4" button...Sub items Selection in reverse direction

8.2. Cancellation

Switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

8.3. Contents of adjustment mode

- Value is shown as a hexadecimal number.
- Preset value differs depending on models.
- After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Remarks	Sample Data
MAIN	YGAIN	Video level (RF, video, component)	257
	B-Y	Video level (RF, video, component)	AC
	R-Y	Video level (RF, video, component)	58
SUB	COLOR	Sub color	1A
	TINT	Sub tint	FF
	BRIGHT	Sub Bright	800
	BACK-L	Sub Back light	B5
	B-Y-G	B-Y Gain	3E
	R-Y-A	R-Y demodulation axis	00
ОРТ	OPT00	(TV)	46
RM	CODE	Remote Control Transmitter Code	Α
MTS	MTSIN	RF Audio input level	1E
	SEPAL	Stereo separation Low	8
	SEPAH	Stereo separation Hi	1C

8.4. Video Signal Level Adjustment

8.4.1. NTSC picture RF

Instrument Name	Connect to	Remarks
1. Remote controller	RF input	
2. Internal signal (sprit color bar)		

1. Receive sprit color bar, turn off CC.

(Aspect mode: just, Viewing mode: vivid normal, Al Picture: off, Backlight: +30)

2. Enter into Main adjustment of YGAIN in the plant adjustment mode, adjust video signal.

2-1. Y signal check

With [VOLUME+/-] buttons of the remote control transmitter, adjust the value appearing below YGAIN indication so that the value MAX indication becomes B8.

(Push for one second "8" on the remote controller and make automatic adjustment of video signal level.)

8.4.2. NTSC picture VBS

Instrument Name	Connect to	Remarks
1. Remote controller	AV input	
2. Signal generator (TG35BX (by Shibasoku) equivalent)		

1. Receive 100% color bar.

(Aspect mode: just, Viewing mode: vivid normal, Al Picture: off, Backlight: +30)

2. Enter into Main adjustment of YGAIN in the plant adjustment mode, adjust video signal.

2-1. Y signal check

With [VOLUME+/-] buttons of the remote control transmitter, adjust the value appearing below YGAIN indication so that the value MAX indication becomes B8.

(Push for one second "8" on the remote controller and make automatic adjustment of video signal level.)

8.4.3. NTSC component (1125i)

Instrument Name	Connect to	Remarks
1. Remote controller	AV input	
2. Signal generator (TG35BX (by Shibasoku) equivalent)		

1. Receive 100% color bar.

(Aspect mode: just, Viewing mode: vivid normal, Al Picture: off, Backlight: +30)

2. Enter into Main adjustment of YGAIN in the plant adjustment mode, adjust video signal.

2-1. Y signal check

With [VOLUME+/-] buttons of the remote control transmitter, adjust the value appearing below YGAIN indication so that the value MAX indication becomes B8.

(Push for one second "8" on the remote controller and make automatic adjustment of video signal level.)

8.5. White Balance Adjustment

Instrument Name	Connect to	Remarks
1. Remote controller		Correlation can be
2. LCD WB meter (Minolta CS-1000		also taken by CA-110
equivalent)		or equivalent
3. Communication jig		
4. Computer for external control		

- Basically perform checking using the production software and make automatic adjustment using external computer.
- Let the panel stand for more than 3 hours at 20 °C to 25 °C.
- Basically perform assemble to completion in the ambient environment of room temperature 20 °C to 25 °C.
- 1. Enter into WB adjustment in the plant adjustment mode and

measure the WHITE brightness data to check that it is higher than 400 cd /m₂.

(When it is below 400 cd $/m_2$, make re-measurement in 30 minutes after cold-on.)

- 2. For the Excel calculation sheet, use "TH-32LX20, calculation software Ver. 1.05" and "TC-26LX20, calculation software Ver. 1.00".
- 3. Using the jig, measure the brightness and chromaticity coordinates of single colors, white, red, green and blue, at the maximum brightness (using basic data) and calculate the gamma data corrected at the maximum brightness using Excel calculationsheet on the external computer.
- 4. Write the values calculated in 3 above in the gamma data part in EEPROM.

EEPROM Adr: 02BAh ~ 02BDh, 02CEh ~ 02D1h ...R (color temperature Normal)

026Ah ~ 026Dh, 027Eh ~ 0281h ...G (color temperatureNormal)

0292h ~ 0295h, 02A6h ~ 02A9h ...B (colortemperature Normal)

Note:

For T.T., P.P. and M.P., record the brightness and chromaticity coordinates for white, red, green and blue.

- 5. Reflect the data in 4 above and select gray and measure the brightness and chromaticity coordinate at that time and calculate the gamma data (color temperature, normal) and cool and warm color temperatures, corrected at half-tone, using theexternal computer.
- 6. Write the values calculated in 5 above in the gamma data part in EEPROM.

EEPROM Adr: 02BAh ~ 02BDh, 02CEh ~ 02D1h ...R (color temperature Normal)

026Ah ~ 026Dh, 027Eh ~ 0281h ...G (color temperatureNormal)

0292h ~ 0295h, 02A6h ~ 02A9h ...B (color temperatureNormal)

02BEh ~ 02C1h, 02D2h ~ 02D5h ...R (color temperatureWarm)

026Eh ~ 0271h, 0282h ~ 0285h ...G (color temperatureWarm)

0296h ~ 0299h, 02AAh ~ 02ADh ...B (color temperatureWarm)

02C2h ~ 02C5h, 02D6h ~ 02D9h ...R (color temperatureCool)

0272h ~ 0275h, 0286h ~ 0289h ...G (color temperatureCool)

029Ah ~ 029Dh, 02AEh ~ 02B1h ...B (color temperatureCool)

Note:

For T.T., P.P. and M.P., record the brightness and chromaticity coordinates for white, red, green, and blue at CHECK and GRAY in the final gamma setting. Also for P.P. and M.P. record the brightness and chromaticity coordinates at color temperatures Normal and Warm.

7. Reflect the data in 6 above and CHECK that the chromaticity coordinates, at check and GRAY, are within the values given below.

```
32 inch CHECK: x=0.2655 \pm 0.005 y= 0.268 \pm 0.005
32 inch GRAY: x=0.2635 \pm 0.005 y= 0.2665 \pm 0.005
26 inch CHECK: x=0.264 \pm 0.005 y= 0.269 \pm 0.005
26 inch GRAY: x=0.268 \pm 0.005 y= 0.267 \pm 0.005
```

- When writing data into EEPROM, make this procedure after sending the WP (write protect) cancellation command (70 88 00). Also, WP (write protect) setting command is 70 88 FF.
- 8. Measure the brightness of white after adjustment, Manage the data grade the brightness on mentioned below.

 32 inch

A rank 510 cd/m2 ≦ Y <
B rank 485 cd/m2 ≦ Y < 510 cd/m2

```
C rank 465 cd/m2 \leq Y < 485 cd/m2
D rank Y < 465 cd/m2
26 inch
A rank 540 cd/m2 \leq Y <
B rank 520 cd/m2 \leq Y < 540 cd/m2
C rank 500 cd/m2 \leq Y < 520 cd/m2
D rank Y < 500 cd/m2
```

9. EEPROM DATA saving place for WB (gamma data) backup

```
<Housing address> <Writing address>
```

32 inch

0276h ~ 0279h → 026Ah ~ 026Dh

028Ah ~ 028Dh → 027Eh ~ 0281h

029Eh ~ 02A1h → 0292h ~ 0295h

02B2h ~ 02B5h → 02A6h ~ 02A9h

02C6h ~ 02C9h → 02BAh ~ 02BDh

02DAh ~ 02DDh → 02CEh ~ 02D1h

26 inch

027Ah ~ 027Dh → 026Ah ~ 026Dh

028Eh ~ 0291h → 027Eh ~ 0281h

 $02A2h \sim 02A5h \rightarrow 0292h \sim 0295h$

02B6h ~ 02B9h → 02A6h ~ 02A9h

02CAh ~ 02CDh → 02BAh ~ 02BDh

02DEh ~ 02E1h → 02CEh ~ 02D1h

Note:

After completion of adjustment, record the completion time if it took more than 35 minutes after aging.

8.6. MTS Adjustment

Caution:

MTS adjustment shall be after the aging of 30 minutes or longer.

8.6.1. RF Audio Input level Adjustment

Instrument name	Connection	Remarks
Filter jig RF signal generator RMS voltage meter	TP3572 - GND RF ANT. INPUT Filter jig	RMS METER 1K 4700p

1. Apply following RF signal at Antenna input.

VIDEO: Flat field, 30 % modulation

AUDIO: 300 Hz, 100 % modulation, monaural

 $(70 \text{ dB} \pm 5 \text{ dB}, 75 \Omega, P/S 10 \text{ dB})$

Note:

Make sure 75 us PRE-EMPHASIS is off.

2. Adjust "MTSIN" data (Input level) until the RMS voltage meter indicates 106 mVrms ± 6 mVrms.

8.6.2. Stereo Separation Adjustment

Instrument name	Connection	Remarks
RF signal generator Oscilloscope Headphone jig	RF ANT. INPUT TP3571 - GND	Headphone jiç
,5		
		TP181 ()———

- 1. Select STEREO mode in the AUDIO Menu.
- 2. Set "Audio volume" DAC to "40".
- 3. Apply following RF signal at Antenna input.

VIDEO: Flat field, 30% modulation

AUDIO: 300Hz, 30% modulation, STEREO (LEFT only)

 $(70dB \pm 5dB, 75 \Omega OPEN, P/S 10dB)$

Note:

After setting 30% modulation with PL SW and NR SW off, turn PL SW and NR SW on.

- 4. Adjust "SEPAL" data (Low-level separation) until the amplitude.
- 5. Apply following RF signal at Antenna input.

VIDEO: Flat field, 30% modulation

AUDIO: 3kHz, 30% modulation, STEREO (LEFT only)

 $(70dB \pm 5dB, 75 \Omega OPEN, P/S 10dB)$

Note:

After setting 30% modulation with PL SW and NR SW off, turn PL SW and NR SW on.

- 6. Adjust "SEPAH" data (High-level separation) until the amplitude of the waveform on the oscilloscope is minimum.
- 7. Repeat steps 3. to 6. until Low-level separation and High-level separation satisfy above-mentioned conditions.

Note:

The separation must be more than 20 dB at 300Hz and 3kHz.

9. Conductor Views

- 9.1. P-Board
- 9.2. AP-Board
- 9.3. A-Board
- 9.4. DG-Board
- 9.5. DV-Board
- **9.6. H-Board**
- 9.7. JG-Board
- 9.8. B, K and V-Board

10. Block and Schematic Diagrams

10.1. Schematic Diagram Notes

Important Safety Notice Components identified by △ mark have special characteristics important for safety When replacing any of these components, use only manufacture's specified parts. Section 1 of inductance is µF, unless otherwise noted. 1 cal Unit of inductance is µF, unless otherwise noted. 1 cal Visit of inductance is µF, unless otherwise noted. 1 cat Point of inductance is µF, unless otherwise noted. 1 cat Point of inductance is µF, unless otherwise noted. 1 cat Point of inductance is µF, unless otherwise noted. 2 cat Point of inductance is µF, unless otherwise noted. 3 cat Point of inductance is µF, unless otherwise noted. 4 cat Point of inductance is µF, unless otherwise noted. 4 cat Point of inductance is µF, unless otherwise noted. 4 cat Point of inductance is µF, unless otherwise noted. 4 cat Point of inductance is µF, unless otherwise noted. 5 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 6 cat Point of inductance is µF, unless otherwise noted. 7 cat Point of inductance is µF, unless otherwise noted. 8 cat Point of inductance is µF, unless otherwise noted. 9 cat Point of inductance is µF, unless otherwise noted. 9 cat Point of inductance is µF, unless otherwise noted. 9 cat Point of inductance is µF, unless otherwise noted. 9 cat Point of inductance is µF, unless otherwise noted. 9 cat Point of in

9. Indicates the major signal flow. : Video ➡ Audio ⇔
10. This schematic diagram is the latest at the time of printing and subject to change without

TC-26/32LX20 Schematic Diagram Notes

- Remarks:

 1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the mention of the circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.

 All circuits, except the Power Circuit, are cold.

 Precautions

 a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.

 b. Do not short-circuit the hot and cold circuits or a fuse may blow and parts may break.

 c. Do not cannot an instrument, such as an oscilloscope, to the hot and cold country of the contained an instrument is used as a contilionation of the circuit being measured.

 Connect the sent of instruments is the earth connection of the circuit being measured.

 Make sure to disconnect the power plug before removing the chassis.

 MA150-MA162 (Replacement part)

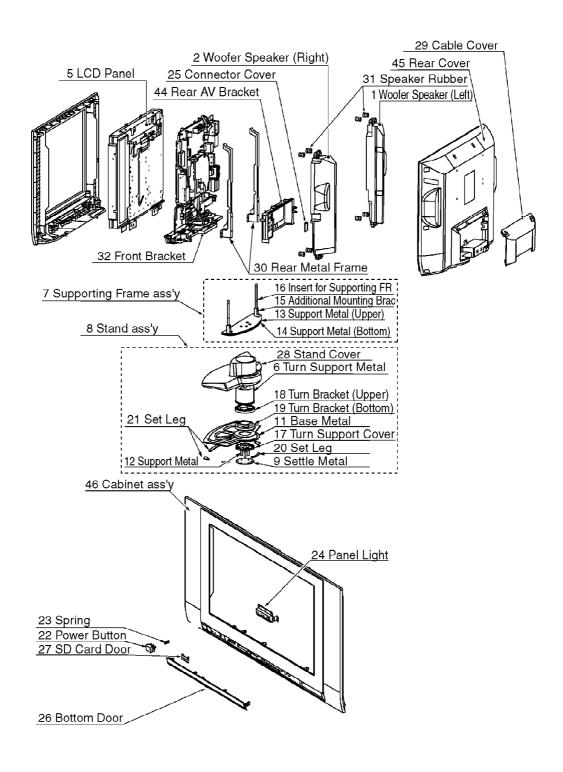
TC-26/32LX20 Schematic Diagram Notes

- 10.2. Power Block Diagram
- 10.3. Signal Block Diagram
- 10.4. P-Board Schematic Diagram
- 10.5. AP-Board Schematic Diagram
- 10.6. A-Board (1 of 3) Schematic Diagram

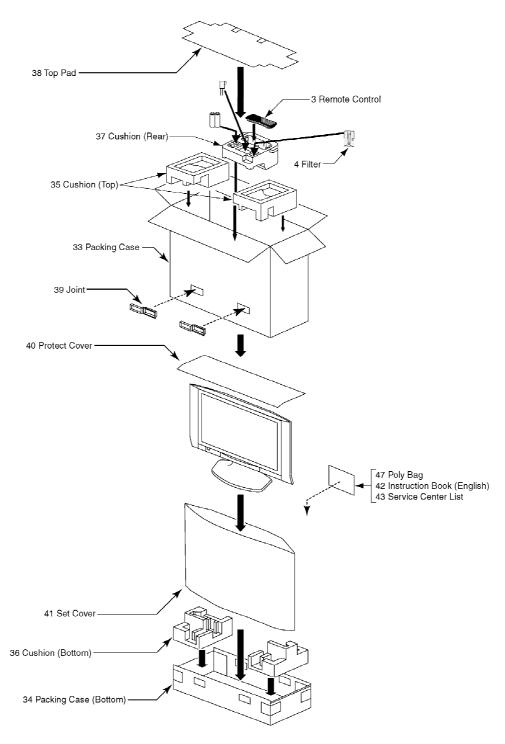
- 10.7. A-Board (2 of 3) Schematic Diagram
- 10.8. A-Board (3 of 3) Schematic Diagram
- 10.9. DG-Board (1 of 5) Schematic Diagram
- 10.10. DG-Board (2 of 5) Schematic Diagram
- 10.11. DG-Board (3 of 5) Schematic Diagram
- 10.12. DG-Board (4 of 5) Schematic Diagram
- 10.13. DG-Board (5 of 5) Schematic Diagram
- 10.14. DV-Board (1 of 2) Schematic Diagram
- 10.15. DV-Board (2 of 2) Schematic Diagram
- 10.16. H-Board Schematic Diagram
- 10.17. JG-Board (1 of 2) Schematic Diagram
- 10.18. JG-Board (2 of 2) Schematic Diagram
- 10.19. B, K and V-Board Schematic Diagram

11. Parts Location & Mechanical Replacement Parts List

11.1. Parts Location



11.2. Packing Exploded View



11.3. Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
<u> </u>	EAB828AL2	WOOFER SPEAKER(LEFT)	1	
<u>. </u>	EAB828AR2	WOOFER SPEAKER(RIGHT)	<u>·</u>	
<u> </u>	EUR7603ZG0	REMOTE CONTROL	<u>'</u>	
2	J0KG00000012	FILTER	1	TC-32LX20
•	J0KG0000012	FILTER	1	10-32LX20
<u>4</u>				TO DOL YOU
	J0KG00000105	FILTER	1	TC-32LX20
	K1YY68000008	PC CARD CONNECTOR(FRAME)	1	0
	K2CB2DZ00010	AC CORD	1	<u> </u>
<u>5</u>	L5EDD6Q00001	LCD PANEL	1	TC-26LX20 🗥
5	L5EDD8Q00002	LCD PANEL	1	TC-32LX20 🗥
<u>ŝ</u>	TBLA0111	TURN SUPPORT METAL	1	
7_	TBLA0112	SUPPORTING FRAME ASS'Y	1	
3	TBLA0113	STAND ASS'Y	1	
9	TBLA3178	SETTLE METAL	1	
<u> 11</u>	TBLA3220	BASE METAL	1	
12	TBLA3221	SUPPORT METAL	3	
13	TBLA3222	SUPPORT METAL(UPPER)	1	
<u> </u>	TBLA3223	SUPPORT METAL(BOTTOM)	1	
<u> </u>	TBLA3224	ADDITIONAL MOUNTING BRAC	2	
<u> </u>	TBLA3225	INSERT FOR SUPPORTING FR	2	
<u>. </u>	TBLB3096	TURN SUPPORT COVER	1	
18	TBLB3097	TURN BRACKET(UPPER)	1	
19	TBLB3098	TURN BRACKET(BOTTOM)	1	
20	TBLG3059	SET LEG	1	
<u>21</u>	TBLG3060	SET LEG		
22	TBXA40102	POWER BUTTON	1	
23	TES4G204	SPRING	1	
<u></u>	TESA214	PLATE SPRING	2	
	TJSD00901	FRONT TERMINAL	1	K1RKZBA00001
24			1	KIKKZBAUUUUI
24	TKKC5183	PANEL LIGHT		
<u>25</u>	TKKL5141-3	CONNECTOR COVER	1	
<u>26</u> 	TKPA81502	BOTTOM DOOR	1	
<u>27</u>	TKPA81601	SD CARD DOOR	1	
<u>28</u>	TKRA36001	STAND COVER	1	
<u>29</u>	TKXA16601	CABLE COVER	1	
<u>30</u>	TKZX5177	REAR METAL FRAME	2	
	TMM16452	CLAMPER	1	TC-26LX20
	TMM23416	CLAMPER	1	TC-26LX20
	TMM27463	CLAMPER	2	
	TMM6425-1	CLAMPER	1	
	TMM7443-3	CLAMPER	2	
	TMM76416-1	CLAMPER	4	TC-32LX20
	TMM76416-1	CLAMPER	2	TC-26LX20
	TMME031	CLAMPER	1	TC-32LX20
	TMME110	CLAMPER	1	TC-26LX20
	TMME190	CLAMPER	2	
	TMME224	CLAMPER	3	TC-32LX20
	TMME224	CLAMPER	2	TC-26LX20
<u>31</u>	TMMJ044	SPEAKER RUBBER	8	
32	TMWA041-1	FRONT BRACKET	1	
	TMWJ042	LED HOLDER	1	
33	TPCB47004	PACKING CASE	1	TC-32LX20 🕭

10 DELREU

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
34	+	PACKING CASE(BOTTOM)	1	TC-32LX20
33		PACKING CASE	1	TC-26LX20 A
34	TPCB48301 F	PACKING CASE(BOTTOM)	1	TC-26LX20
35	+	CUSHION(TOP)	1	TC-32LX20
<u></u> 36	+	CUSHION(FOTTOM)	1	TC-32LX20
35	+	CUSHION(TOP)	1	TC-26LX20
36	+	CUSHION(FOTTOM)	1	TC-26LX20
37 37	+	CUSHION(BOTTOM)	1	TC-32LX20
37 37		CUSHION(REAR)	1	TC-26LX20
38	+	TOP PAD	1	TC-20LX20
<u></u> 39	+	JOINT	4	
	1	PROTECT COVER	1	TC-26LX20
10 10	+		1	
-	1	PROTECT COVER		TC-32LX20
<u> </u>	1	SET COVER SET COVER	1	TC-32LX20
11	1			TC-26LX20
<u>12</u>		NSTRUCTION BOOK (ENGLISH)	1	Δ
<u>13</u>	TQBC7061-2	SERVICE CENTER LIST	1	
		CABLE(A2-H2)	1	
	TSXL337-1	CABLE(DG1-A1) (AP2-D)	2	
	TSXL339-1	CABLE(DG5-PANEL)	1	TC-32LX20
	TSXL339-2	CABLE(DG5-PANEL)	1	TC-26LX20
	TSXL361	CABLE(AP5-A5)	1	
	TSXL362	CABLE(A7-DV7)	1	
<u>14</u>	TTPA0366	REAR AV BRACKET	1	
<u>15</u>	TTUA0888	REAR COVER	1	TC-32LX20 🕭
45	TTUA0889	REAR COVER	1	TC-26LX20 🐴
<u>46</u>	TTYA0647	CABINET ASS'Y	1	TC-32LX20 🗥
46	TTYA0648	CABINET ASS'Y	1	TC-26LX20 🕭
	TXJA210KDM S	SPEAKER LEAD (LEFT)	1	TC-32LX20
	TXJA210KFM S	SPEAKER LEAD (LEFT)	1	TC-26LX20
	TXJA220KDM S	SPEAKER LEAD (RIGHT)	1	TC-32LX20
	TXJA220KFM S	SPEAKER LEAD (RIGHT)	1	TC-26LX20
	VLF1321 F	FILTER	1	J0KG00000037
	XBA1C63NU100	FUSE 125V 6.3A	1	K5D632AD0002 🗥
	XSB5+30FY	SCREW	3	
	XSN2+6	SCREW	4	
	XSN4+12FY S	SCREW	8	
	XSS4+14FZ	SCREW	4	
		SCREW	5	
	 	SCREW	4	
	+	SCREW	7	
	 	SCREW	10	
	 	SCREW	14	
		SCREW(STAND)	2	
		SCREW	3	
	 	SCREW	3	
	 	SCREW	1	
	 	SCREW	26	
	+	SCREW	8	
	 	WASHER	8	
	 	WASHER	3	
	+	SCREW	10	TC-32LX20

	A I LOTLO IO	CONLI		I O ULLALU
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	XYE3+EJ10	SCREW	8	TC-26LX20
	XYN3+C6FZ	SCREW	1	
	XYN3+C8	SCREW	8	
	XYN3+J8	SCREW	2	
	XYN4+C12FY	SCREW	2	
	XYN4+E8	SCREW	2	
	XYN4+F10	SCREW	2	
	XYN4+F20FZ	SCREW	4	
<u>47</u>	XZBT6506	POLY BAG	1	TC-26LX20
47	XZBT6532	POLY BAG	1	TC-32LX20

12. Replacement Parts List

12.1. Replacement Parts List Notes

Important Safety Notice

Components identified by Amark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.

After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor2. CapacitorExample:Example:

ERD25TJ104 \underline{C} 100KOHM, \underline{J} , 1/4W ECKF1H103ZF \underline{C} 0.01UF, \underline{Z} , 50V

Type Allowance Type Allowance

Туре	Allowance
C: Carbon F: Fuse M: Metal Oxide Metal FIlm S: Solid W: Wire Wound	F:±1% G:±2% J:±5% K:±10% M:±20%

Туре	Allowance
C: Ceramic E: Electrolytic P: Polyester Polyprop lene T: Tantalum	C:±0.25pF D:±0.5pF F:±1pF G:±3pF J:±5pF K:±10pF L:±15pF M:±20pF P:+100%,-0% Z:+80%,-20%

12.2. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
A1,A2	K1MN50A00005	50P CONNECTOR	2	
	K1MN50A00005	50P CONNECTOR	2	
A3	K1KA20A00272	20P CONNECTOR	1	
A5	K1MN20A00068	20P CONNECTOR	1	
A7	K1MN30A00054	30P CONNECTOR	1	
A8,A9	K1KA09A00064	9P CONNECTOR	2	
A21,22	K1KA03A00172	3P CONNECTOR	2	
A25	K1KA03A00172	3P CONNECTOR	1	
AP1	TJS169560	6P CONNECTOR	1	K1KA06A00188
AP2	K1MN50A00009	50P CONNECTOR	1	
AP4	K1KB11A00024	11P CONNECTOR	1	
			1	
AP5	K1MN20A00068	20P CONNECTOR	1	K4K 400 400004
AP7	TJS1A8840	8P CONNECTOR	1	K1KA08A00221
B8,B9	K1KB09B00019	9P CONNECTOR	2	
C807	ECJ2YB0J225K	C 2.2UF, K, 6.3V	1	
C808	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C809	EEUFC1E471	E 470UF, 25V	1	
C811	EEUFC1C471	E 470UF, 16V	1	
C812	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C814-16	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C817	ECA1HM221	E 220UF, 50V	1	
C818	ECA1EHG471	E 470UF, 25V	1	
C819	F2A1E391A089	E 390UF, 25V	1	
C820		-	1	
	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C821	EEVHB1H1R0	E 1UF, 50V	1	
C823	F2A1E561A090	E 560UF, 25V	1	
C824,25	F2A1A561A106	E 560UF, 10V	2	
C828	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C830	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C832	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C834	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C837	ECA1EHG471	E 470UF, 25V	1	
C838,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C840	F2A1E271A089	E 270UF, 25V	1	
C841	ECA1HM221	E 220UF, 50V	1	
C842	ECA1HM100	E 10UF, 50V	1	
C843,44	F2A1A561A106	E 560UF, 10V	2	
C845	F2A1C101A121	E 100UF, 16V	1	
C847	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C849	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C850	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C851	ECJ2VB1C224K	C 0.22UF, K, 16V	1	
C852	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C858	ECA1HM100	E 10UF, 50V	1	
C861	EEVHB1A330R	E 33UF, 10V	1	
C865	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C869	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C870,71	ECA1HHG010	E 1UF, 50V	2	
C873	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C1000	ECJ2VF1H104Z ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C1000	ECA1CHG470	E 47UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1002	ECA1CM470	E 47UF, 16V	1	rtomarko
C1003	ECA1CHG470	E 47UF, 16V	1	
C1102	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1104	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1105	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C1106	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C1107	ECJ1XC1H101J	C 100PF, J, 50V	1	
C1109	ECJ1XC1H330J	C 33PF, J, 50V	1	
C1113	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1115	EEEHB0G101R	C 100PF, J, 4V	1	
C1118	ECJ1VB1H392K	C 3900PF, K, 50V	1	
C1113	EEEHB0G101R	C 100PF, J, 4V	1	
C1123	EEEHB1C470P		1	
C1124	ECJ1XB1C104K	C 47PF, J, 16V	1	
C1125	ECJ1XB0J105K	C 0.1UF, Z, 16V	3	
	ECJ1XB0J103K	C 1UF, K, 16V	1	
C1129		C 0.1UF, Z, 16V		
C1130	ECJ1XC1H220J	C 22PF, J, 50V	1	
C1131	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1132	ECJ1XC1H220J	C 22PF, J, 50V	1	
C1133	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1134	EEEHB1H1R0R	C 1.0PF, J, 50V	1	
C1136	EEEHB1H1R0R	C 1.0PF, J, 50V	1	
C1137	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1154	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2301,02	ECJ1VB1H103K	C 0.01UF, K, 50V	2	
C2303,04	ECUX1E103KBN	C 0.01UF, M, 25V	2	
C2306	F1H1A1050028	E 1UF, 50V	1	
C2307-10	ECA1HHG4R7	E 4.7UF, 50V	4	
C2311-14	ECA1EHG471	E 470UF, 25V	4	
C2315	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C2316-19	F1H1A1050028	E 1UF, 50V	4	
C2320,21	ECA1HHG2R2	E 2.2UF, 50V	2	
C2322,23	ECJ2XB1H682K	C 6800PF, K, 50V	2	
C2330,31	ECA1CHG101	E 100UF, 16V	2	
C2332,33	F1H1A1050028	E 1UF, 50V	2	
C2334-37	ECJ1VB1H822K	C 8200PF, K, 50V	4	
C2338,39	ECJ1VB1H182K	C 1800PF, K, 50V	2	
C2340,41	ECA1VHG221	E 220UF, 35V	2	
C2345,46	ECA1HHG220	E 22UF, 50V	2	
C2348	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C2349	ECA1HHG220	E 22UF, 50V	1	
C2352,53	EEANA1E2R2	E 2.2UF, 25V	2	
C2354,55	ECQV1H225JM	P 2.2UF, J, 50V	2	
C2356-59	ECJ1XB1H102K	C 1000UF, Z, 50V	4	
C2360,61	ECJ2XC1H102J	C 1000PF, J, 50V	2	
C2362,63	ECQB1H473JF	P 0.047UF, J, 50V	2	
C2364-67	ECQV1H104JM	P 0.1UF, J, 50V	4	
C2368,69	ECA1HHG330	E 33UF, 50V	2	
C2370	ECA1HHG100	E 10UF, 50V	1	
C2371	F1H1A1050028	E 1UF, 50V	1	
C2372	ECA1HM220	E 22UF, 50V	1	
C2373	ECA1VHG470	E 47UF, 35V	1	
C2375	ECA1VHG470	E 47UF, 35V	1	
C2376	ECA1HM220	E 22UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2377	ECA1EHG221	E 220UF, 25V	1	
C2381	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2382	ECJ3YB1A475K	C 0.047UF, K, 10V	1	
C3001	F1H1A1050028	E 1UF, 50V	1	
C3101,02	ECJ2VF1H104Z	C 0.1UF, Z, 50V	2	
C3103,04	EEEHB1C101P	C 100PF, J, 16V	2	
C3105-07	ECJ1XB0J105K	C 1UF, K, 16V	3	
C3155	F1H1A1050028	E 1UF, 50V	1	
C3156	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3157	F1H1A1050028	E 1UF, 50V	1	
C3165	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3166	EEVHB1C101		1	F2G1C101A010
		E 100UF, 16V		PZGTCTUTAUTU
C3170,71	F1H1A1050028	E 1UF, 50V	2	
C3172	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3174	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3175,76	F1H1A1050028	E 1UF, 50V	2	
C3177,78	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3181	EEVHB1C220R	E 22UF, 16V	1	
C3185	F1H1A1050028	E 1UF, 50V	1	
C3187	F1H1A1050028	E 1UF, 50V	1	
C3189	F1H1A1050028	E 1UF, 50V	1	
C3191,92	F1H1A1050028	E 1UF, 50V	2	
C3194-97	F1H1A1050028	E 1UF, 50V	4	
C3198	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3199	F2G1C101A010	E 100UF, 16V	1	
C3200-03	ECJ1VF1A105Z	C 1UF, Z, 10V	4	
C3205	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3207-15	ECJ1VF1A105Z	C 1UF, Z, 10V	9	
C3221	EEVHB1C220R	E 22UF, 16V	1	
C3223,24	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3228	F1H1A1050028	E 1UF, 50V	1	
C3237	EEUFC1A471	E 470UF, 10V	1	
C3238,39	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3326	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3327	ECA1HM100	E 10UF, 50V	1	
C3328	ECA1HMR47	E 0.47UF, 50V	1	
C3329	ECQB1H473JF	P 0.047UF, J, 50V	1	
C3330,31	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C3332	ECSF1CE335V	T 3.3UF, 16V	1	
C3333	ECQB1H223JF	P 0.022UF, J, 50V	1	
C3334	ECA1HM010	E 1UF, 50V	1	
C3335	ECSF1CE106V	T 10UF, 16V	1	
C3336	ECEA1HKA4R7	E 4.7UF, 50V	1	
C3337	ECEA1HKA2R2	E 2.2UF, 50V	1	
C3338	ECA1CM471	E 470UF, 16V	1	
C3341-43	ECJ1VF1A105Z	C 1UF, Z, 10V	3	
C3700	ECA1HM010	E 1UF, 50V	1	
C3801	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C3802	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C3804	ECJ2VF1E224Z	C 0.22UF, Z, 25V	1	
C3816	ECA1CM471	E 470UF, 16V	1	
C3817	ECJ2XC1H330J	C 33PF, J, 50V	1	
			· ·	1
C3818	ECA1HM2R2	E 2.2UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4061	EEFUD0J101R	E 100UF	1	EEEHB0G221P
C4069	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4070,71	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4073	ECJ1XC1H561J	C 560PF, J, 50V	1	
C4074	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4076	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4077	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4080	EEEHP0J470P	C 47PF, J,6.3V	1	
C4082	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4087	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4088,89	ECJ1VC1H120J	C 12PF, J, 50V	2	
C4090	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4091,92	ECJ1XC1H220J	C 22PF, J, 50V	2	
C4093-96	ECJ1XB0J105K	C 1UF, K, 16V	4	
C4093-90 C4097	ECJ3XB0J106M	C 10UF, M,6.3V	1	
			4	
C4098-01 C4102	ECJ1XB0J105K	C 101F, K, 16V	1	+
	ECJ3XB0J106M ECJ1VB1C105K	C 10UF, M,6.3V		
C4103,04		C 0.01UF, K, 16V	2	
C4105	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4106-08	ECJ1VB1C105K	C 0.01UF, K, 16V	3	
C4109 C4110	ECJ1VB1C103K	C 0.01UF, K, 16V	1	
	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4111	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4112	EEEHB1C470P	C 47PF, J, 16V	1	
C4113	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4115	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4116	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4117	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4118,19	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4120	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4121	ECJ1VB1C103K	C 0.01UF, K, 16V	1	
C4122	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4123	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4124	ECJ1VB1H153K	C 0.15UF, K, 50V	1	
C4127	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4128-37	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C4138,39	ECJ1XB0J105K	C 1UF, K, 16V	2	
C4141	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4142,43	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4144	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4145,46	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4147	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4148	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4149-53	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4154	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4155	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4156	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C4157-62	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C4163	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4164	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4165	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4166	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4167	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4168	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4169	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4170	ECJ1XC1H181J	C 180PF, J, 50V	1	
C4171	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4172,73	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4174	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4175,76	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4173,76	ECJ1VB0J225K		1	
		C 2.2UF, K, 6.3V	1	
C4179	ECJ1XB1C104K	C 0.1UF, Z, 16V		
C4180	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4181,82	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C4183	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4184-86	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4187	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4188	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4189	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4190-93	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C4194	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4195	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4196	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4197-03	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C4204,05	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C4206	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4209	EEEHB0G221P	C 220PF, J, 4V	1	
C4210	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4211	EEEHB0G221P	C 220PF, J, 4V	1	
C4212	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4213	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4214	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4215	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4217	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4218	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4219	ECJ1XC1H102J		1	
	ECJ1XB1C104K	C 1000PF, J, 50V C 0.1UF, Z, 16V	2	
C4220,21		<u> </u>		
C4222	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4223,24	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4225,26	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C4227	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4228	EEEHB0G221P	C 220PF, J, 4V	1	
C4229,30	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4231	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4232	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4233	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4234	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4235	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4236	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4237	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4238	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4239	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4240	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4241	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4242	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4243	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4244,45	EEEHB0G221P	C 220PF, J, 4V	2	
C4246	ECJ1XC1H102J	C 1000PF, J, 50V	1	
		, 0, 00 .		

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4247	EEFCD0G560R	56UF,	1	
C4248	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4249	EEEHB0J220R	C 22PF, J, 6.3V	1	
C4250	EEEHB1C470P	C 47PF, J, 16V	1	
C4251	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4252	EEEHB1C470P	C 47PF, J, 16V	1	
C4253	ECJ3YB1C475K	C 0.047UF, K, 16V	1	
C4255,56	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4257	EEFCD0G560R	56UF,	1	
C4260	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4261	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4263-65	ECJ1XB0J105K	C 1UF, K, 16V	3	
C4266,67	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4268-71	ECJ1XB0J105K	C 1UF, K, 16V	4	
C4272	ECJ1VB0J334K	C 0.33UF, K, 16V	1	
C4273	ECJ1VB1H682K	C 6800PF, K, 50V	1	
C4274	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4275	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4276	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4277	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4277	ECJ1XB1C104K	C 1UF, K, 16V	1	
C4278	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C4279 C4280-82	ECJ1XB0J105K	C 1UF, K, 16V	3	
C4280-82	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C4283-87	ECJ1XB0J105K	C 1UF, K, 16V	4	
C4284-87	ECJ1XC1H471J		1	
		C 470PF, J, 50V		
C4289	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4290	ECJ1VB1C103K	C 0.01UF, K, 16V	1	
C4291	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C4292,93	ECJ1XB0J105K	C 1UF, K, 16V	2	
C4294	ECJ1XC1H121J	C 120PF, J, 50V	1	
C4295	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4296	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C4297	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4298	ECJ1VB1C103K	C 0.01UF, K, 16V	1	
C4299	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C4300	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4301-08	ECJ1VB1H103K	C 0.01UF, K, 50V	8	
C4310-21	ECJ1VB1H103K	C 0.01UF, K, 50V	12	
C4323	EEEHB0G221P	C 220PF, J, 4V	1	
C4324-28	ECJ1VB1H103K	C 0.01UF, K, 50V	5	
C4329	EEEHB0G101R	C 100PF, J, 4V	1	
C4330,31	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4333	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4334-36	ECJ1VB1H103K	C 0.01UF, K, 50V	3	
C4338	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4340	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4341	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4342	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C4343	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4344	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4346	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C4347	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4348	ECJ1VB1H103K	C 0.01UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4349	EEEHB1C470P	C 47PF, J, 16V	1	
C4350,51	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4353	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4354	ECJ1XC1H221J	C 220PF, J, 50V	1	
C4356,57	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C4359-62	ECJ1XC1H102J	C 1000PF, J, 50V	4	
C4365-67	ECJ1XC1H102J	C 1000PF, J, 50V	3	
C4368	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4369	EEEHB1E330P	C 33PF, J, 25V	1	
C4370	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4371	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4372	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4386	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4387	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4388	EEEHB1E330P	C 33PF, J, 25V	1	
C4392	ECJ3YB0J335K	C 33UF, J, 25V	1	
C4392 C4394	EEEHB1C470P	C 47PF, J, 16V	1	
C4396	ECJ1XB1C104K		1	
C4396	ECJ1XB1C104K	C 0.1UF, Z, 16V C 0.1UF, Z, 16V	1	
C4403	ECJ1VB1H103K	C 0.10F, Z, 16V	1	
C4409,10	ECJ1VB1H103K	C 0.01UF, K, 50V	2	
C4414-16	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4417-20	ECJ1VB1H103K	C 0.01UF, K, 50V	4	
C4421	ECJ1XC1H820J	C 82PF, J, 50V	1	
C4423	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4424	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C4428	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4429	ECJ1VB1C473K	C 0.047UF, K, 16V	1	
C4430,31	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4432	ECJ1XC1H330J	C 33PF, J, 50V	1	
C4499	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4501,02	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C4503-06	ECJ1XB0J105K	C 1UF, K, 16V	4	
C4507,08	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C4509-12	ECJ1XB0J105K	C 1UF, K, 16V	4	
C4535	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4540-42	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4543,44	ECJ1XB0J105K	C 1UF, K, 16V	2	
C4545-49	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4550,51	ECJ1XB0J105K	C 1UF, K, 16V	2	
C4552	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4553	ECJ1VB1H222K	C 2200PF, K, 50V	1	
C4554,55	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C4565	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4568-76	ECJ1XC1H102J	C 1000PF, J, 50V	9	
C4578	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4580,81	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C4585	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4587-89	ECJ1XC1H102J	C 1000PF, J, 50V	3	
C5001	EEEHB1C100R	C 10PF, J, 16V	1	
C5003	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5004	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C5005	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5007	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5012,13	ECJ3XB0J106M	Part Name & Description C 10UF, M,6.3V	2	Nemai K5
C5012,13	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5014	ECJ1XC1H102J		1	
C5015		C 1000PF, J, 50V	1	
	ECJ1VB1H103K	C 0.01UF, K, 50V		
C5017,18	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C5019	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C5020	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5021	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C5022	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5024	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C5025	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C5026,27	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C5028,29	ECJ1VB1H103K	C 0.01UF, K, 50V	2	
C5030	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5031	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C5032	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C5033,34	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C5035	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C5036	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5037	EEEHB0G470R		1	
C5038	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C5039,40	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C5041	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C5042	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C5044	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5046	ECJ1VB1C473K	C 0.047UF, K, 16V	1	
C5047,48	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C5049	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5051	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C5052	EEEHB0G470R	C 47PF, J, 4V	1	
C5053	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5056	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5057	ECJ1XC1H101J	C 100PF, J, 50V	1	
C5074	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5075	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C5077	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5078	ECJ1VB1C103K	C 0.01UF, K, 16V	1	
C5083	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5084	EEEHB1C100R	C 10PF, J, 16V	1	
C5085	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C5087	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C5089,90	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C5091,92	EEEHB1C470P	C 47PF, J, 16V	2	
C5093	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C5096	ECJ1XC1H181J	C 180PF, J, 50V	1	
C5099	ECJ1XC1H181J	C 180PF, J, 50V	1	
C5100,01	ECJ1XC1H1813	C 33PF, J, 50V	2	
C5100,01 C5102	ECJ1VF1H103Z		1	
		C 0.01UF, Z, 50V	1	
C5103	EEEHB1C470P	C 47PF, J, 16V		
C5106,07	EEEHP1C100R	C 10PF, J, 16V	2	
C5108,09	ECJ1VB1H272K	C 2700PF, K, 50V	2	
05440		C 1UF, K, 16V	1	
C5110 C5111	ECJ1XB0J105K EEEHB0J470R	C 47PF, J, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5113	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5114	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C5115	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C5117	EEEHB1A330R	C 33PF, J, 10V	1	
C5121	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5122	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C5124,25	EEEHB1C470P	C 47PF, J, 16V	2	
C5126	EEEHB1A330R	C 33PF, J, 10V	1	
C5130	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C5132,33	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C5134	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5135	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5140-42	ECJ1XB0J105K	C 1UF, K, 16V	3	
C5145	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C6501,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C6505-09	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C6510	EEEHB1A101P	C 100PF, J, 10V	1	
C6511	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C6512	EEFCD0J470R	47UF	1	
C6513	EEEHB1A101P	C 100PF, J, 10V	1	
C6514-16	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C6517,18	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C6521	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C6522	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C6524,25	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C6526,27	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C6534	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C6535	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6536	EEEHB0G101R	C 100PF, J, 4V	1	
C6537	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6538	EEEHB0J221UP	C 220PF, J, 6.3V	1	
C6539	ECJ1XB1C104K		1	
C6541-50	ECJ1XF1C104K	C 0.1UF, Z, 16V C 0.1UF, Z, 16V	10	
C6551	ECJ1VF1H103Z			
		C 0.01UF, Z, 50V	1	
C6552	ECJ1VF1H104Z	C 0.1UF, Z, 50V	11	
C6553-63	ECJ1XF1C104Z	C 0.1UF, Z, 16V		
C6566-69	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C6570	ECJ1VB1C103K	C 0.01UF, K, 16V	1	
C6571-74	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C6575	ECJ1VF1C105Z	C 1UF, Z, 10V	1	
C6577,78	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C6579	EEEHB1C100R	C 10PF, J, 16V	1	
C6580-82	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C6583	ECJ1VF1C105Z	C 1UF, Z, 10V	1	
C6584	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C6585,86	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C6587	EEEHB0G101R	C 100PF, J, 4V	1	
C6589	ECJ1VB1C103K	C 0.01UF, K, 16V	1	
C6590,91	EEEHB0J221UP	C 220PF, J, 6.3V	2	
C6592	ECJ2XB0J106M	C 10UF, Z, 5V	1	
C6594	ECJ2XB0J106M	C 10UF, Z, 5V	1	
C6597 C6598	ECJ1VF1C105Z EEEHB0G101R	C 1UF, Z, 10V C 100PF, J, 4V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6602	EEEHB0G221P	C 220PF, J, 4V	1	
C6604	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C6606	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C6607-10	ECJ1VF1H103Z	C 0.01UF, Z, 50V	4	
C6612	ECJ1XC1H470J	C 47PF, J, 50V	1	
C6614	ECJ1VC1H270J	C 27PF, J, 50V	1	
C6615	ECJ1XC1H470J	C 47PF, J, 50V	1	
C6616	ECJ1XC1H151J	C 150PF, J, 50V	1	
C6617	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6618	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C6619	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6620	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C6625-27	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C7000	ECQU2A474BN9	P 0.47UF, 250V	1	A
C7003	ECKDNA471MB	C 470PF, Z,	1	Δ
	ECKDNA471MB	C 470PF. Z.	1	
C7005	_	, ,		<u>A</u>
C7006	ECQU2A224BN9	P 0.22UF, 250V	1	Δ
C7007,08	ECKDNA471MB	C 470PF, Z,	2	Δ
C7045	ECJ2XB1A105K	C 1UF, K, 10V	1	
C7100	EETHC2E561J	E 560UF, 250V	1	
C7101,02	ECCD3D470JGE	C 47PF, K, 2KV	2	
C7103	EETHC2E561J	E 560UF, 250V	1	
C7104	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C7105	ECKD3A472KBP	C 4700PF, K, 1KV	1	
C7106,07	ECJ2XB1H471K	C 470PF, K, 50V	2	
C7108	ECJ2XC1H471J	C 470PF, J, 50V	1	
C7109	ECJ2XC1H101J	C 100PF, J, 50V	1	
C7110	ECJ2XB1A105K	C 1UF, K, 10V	1	
C7111	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C7112	ECJ2XB1A105K	C 1UF, K, 10V	1	
C7113,14	ECA1HM330	E 33UF, 50V	2	
C7115	ECKD3A102KBP	C 1000PF, K, 1KV	1	
C7116	ECKD3A222KBP	C 2200PF, K, 1KV	1	
C7117	ECKDNA102MB	C 1000PF, Z,	1	A
C7119	ECKDNA222ME	C 2200PF,	1	Δ
C7121	ECKD3A681KBP	C 680PF, K, 1KV	1	
C7122	ECKD3A102KBP	C 1000PF, K, 1KV	1	
C7123	F2A1H151A115	E 150UF, 50V	1	
C7124	ECA2DHG221	E 220UF, 200V	1	
C7125	F2A1H151A115	E 150UF, 50V	1	
C7126	ECA2DHG221	E 220UF, 200V	1	
C7127,28	F2A1E152A089	E 1500UF, 25V	2	
C7129	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C7130	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C7132	F2A1V221A088	E 220UF, 35V	1	
C7133	F2A1C471A121	E 470UF, 16V	1	
C7135	ECKD3A102KBP	C 1000PF, K, 1KV	1	
C7136	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C7138	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C7139	ECJ2XB1A105K	C 1UF, K, 10V	1	
Door	Do John Constitution	NODE		
D809	B0JCPD000010	DIODE	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D813	MA8110H	ZENER DIODE	1	MAZ81100H
D814	MA111	DIODE	1	MA2J111
D815	MA729	DIODE	1	MA2J729
D816-20	M1FL20UF4063	DIODE	5	B0HCMM000009
D821	B0JCKG000001	DIODE	1	
D822,23	B0JCPD000010	DIODE	2	
D824	M1FL20UF4063	DIODE	1	B0HCMM000009
D825	MA111	DIODE	1	MA2J111
D827	MA111	DIODE	1	MA2J111
D828	MA8130LTX	ZENER DIODE	1	MAZ81300LL
D829	MA8100MTX	ZENER DIODE	1	MAZ81000ML
D830,31	MA111	DIODE	2	MA2J111
D832	MA8200M	ZENER DIODE	1	MAZ82000M
D833	MA8039L	ZENER DIODE	1	MAZ80390L
D834,35	MA111	DIODE	2	MA2J111
D837	B0JCPD000010	DIODE	1	
D838	B0JCND000004	DIODE	1	
D839-41	MA111	DIODE	3	MA2J111
D842	MA8056-M	ZENER DIODE	1	MAZ80560M
D843	MA111	DIODE	1	MA2J111
D844	MA8091H	ZENER DIODE	1	MAZ80910H
D845	MA111	DIODE	1	MA2J111
D847	MA8051L	ZENER DIODE	1	MAZ80510L
D850	M1FL20UF4063	DIODE	1	B0HCMM000009
D852	MAZ80750L	ZENER DIODE	1	
D853,54	MA111	DIODE	2	MA2J111
D1001	LNH101WHKAF4	LED	1	MAZOTTI
D1118	MA8120MTX	ZENER DIODE	1	MAZ81200ML
D2301,02	M1FS4	DIODE	2	MAZOTZOOME
D2301,02 D2304	MA152K	DIODE	1	MA3X152K
D2304 D2305	M1FL20UF4063	DIODE	1	B0HCMM000009
D2308	MA111	DIODE	1	MA2J111
D3004-07	MA8140M	ZENER DIODE	4	MAZ81400M
D3004-07 D3008-11	MA8100MTX	ZENER DIODE	4	MAZ81000ML
	+			
D3012-15	MA8140M	ZENER DIODE	4	MAZ81400M
D3020-23	MA8140M	ZENER DIODE	4	MAZ81400M
D3024,25	MA8100MTX	ZENER DIODE	2	MAZ81000ML
D3027	MA8100MTX	ZENER DIODE	1	MAZ81000ML
D3028-35	MA8140M	ZENER DIODE	8	MAZ81400M
D3036-38	MA8100MTX	ZENER DIODE	3	MAZ81000ML
D3042-47	MA8062MTX	ZENER DIODE	6	MAZ80620ML
D3101	MA152	DIODE	1	MA 724 400F
D3700	MA3140M	ZENER DIODE	1	MAZ31400M
D3702-10	MA3140M	ZENER DIODE	9	MAZ31400M
D4001	MA152K	DIODE	1	MA3X152K
D4002-05	MA8062MTX	ZENER DIODE	4	MAZ80620ML
D4007,08	MA8062MTX	ZENER DIODE	2	MAZ80620ML
D4011,12	MA704A	DIODE	2	MA3X704A
D5007,08	MA152	DIODE	2	
D5011,12	MA3056M	ZENER DIODE	2	MAZ30560M
D5013	MA111	DIODE	1	MA2J111
D5015-22	EZJZ0V80008B	DIODE	8	
		1		B0HCMM000009

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D7000,01	ERZV10V621P2	VARISTOR	2	Δ
D7100	RBV-608	DIODE	1	B0FBAT000002 🗥
D7101,02	TMPG10G3	DIODE	2	B0BA01000046
D7103,04	MA8056-M	DIODE	2	MAZ80560M
D7105,06	MA111	DIODE	2	MA2J111
D7107	MA8140M	ZENER DIODE	1	MAZ81400M
D7108	AG01Z	DIODE	1	
D7109	MA8240M	ZENER DIODE	1	MAZ82400M
D7110	AG01Z	DIODE	1	
D7111	MA111	DIODE	1	MA2J111
D7112	AG01Z	DIODE	1	111111111111111111111111111111111111111
D7113	EG01C	DIODE	1	B0HAGV000001
D7114	B0EAKT000031	DIODE	1	2011/10/00001
D7115	MA4150M	ZENER DIODE	1	MAZ41500M
D7116	FML14S	DIODE	1	III) (E-1700III
D7110	MA4300M	ZENER DIODE	1	MAZ43000M
D7117	B0HARR000007	DIODE	1	12.7000111
D7118	B0EAKR000032	DIODE	1	
D7119 D7120,21	B0JAME000083	DIODE	2	
D7120,21	B05AME000083	DIODE	1	
D7122 D7123,24	B0JAME000083	DIODE	2	
D7 123,24 D7125		DIODE	1	
D7125 D7126	B0JBSL000010		1	MA2 1720
-	MA729	DIODE		MA2J729
D7127	B0EAKR000032	DIODE	1	
D7128	MTZJ5.1B	ZENER DIODE	1	MAGNAA
D7129,30	MA111	DIODE	2	MA2J111
D7131	MA729	DIODE	1	MA2J729
D7136	MA111	DIODE	1	MA2J111
D7137	AG01Z	DIODE	1	
D7138	MA111	DIODE	1	MA2J111
D7139	MA8091H	ZENER DIODE	1	MAZ80910H
D7140	MA4051L	ZENER DIODE	1	MAZ40510L
D7142-46	MAZ83300LL	ZENER DIODE	5	
D7147,48	MA111	DIODE	2	MA2J111
D7149	MA8180M	ZENER DIODE	1	MAZ81800M
D7150	MA728	DIODE	1	MA2J728
DG1	K1MN50A00005	50P CONNECTOR	1	
DG2	K1MN50A00009	50P CONNECTOR	1	
DG3	K1KA15B00045	15P CONNECTOR	1	
DG5	K1MN30B00049	30P CONNECTOR	1	
DG3 DG11	K1KA11B00078	11P CONNECTOR	1	
DG11	K1KA07A00189	7P CONNECTOR	1	
DG12 DG13	K1KA07A00189	8P CONNECTOR	1	
2010	1111100700293	J. COMMEDIUM	<u> </u>	
DV3	K1KA03B00098	3P CONNECTOR	1	
DV7	K1MN30A00054	30P CONNECTOR	1	
			<u> </u>	
F7000-1,-2	EYF-52BC	FUSE HOLDER	2	
FL3109-11	J0HABB000004	LC FILTER	3	
FL4001,02	ELKE103FA	NOISE FILTER	2	
FL4006,07	ELKE103FA	NOISE FILTER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
FL4010	F1J1A1050020	C 1UF, Z, 50V	1	
FL4021-26	TLK212T256AL	EMI FILTER	6	J0HAAB000012
FL4029	J0HABB000003	LC FILTER	1	
FL4033	J0HABB000003	LC FILTER	1	
FL4040,41	J0HAAB000024	LC FILTER	2	
FL4045-47	J0JAD0000025	CHIP INDUCTOR	3	
FL5022	J0HABB000004	LC FILTER	1	
FL5024-30	J0HABB000004	LC FILTER	7	
FL6503-05	ELKE103FA	NOISE FILTER	3	
FL6510-14	TLK20LFA473M	EMI FILTER	5	J0HABB000018
FL6516	TLK20LFA473M	EMI FILTER	1	J0HABB000018
FL7001	G0A103H00004	CHOKE COIL	1	Λ
uo.	K4MNEO A OOOOE	FOR CONNECTOR	1	
H2	K1MN50A00005	50P CONNECTOR	1	K4K 400 400224
H5	TJS1A8840	8P CONNECTOR	1	K1KA08A00221
IC801	PQ1CG21H2RZ	INTEGRATED CIRCUIT	1	C0DACMG00001
			<u> </u>	
IC803,04 IC805	PQ1CZ21H2ZP C0DAAZH00009	IC IC	1	C0DBCMG00001
			1	CODACMCOOOOA
IC806	PQ1CG21H2RZ	INTEGRATED CIRCUIT	1	C0DACMG00001
IC807	C0DAAZH00009		1	COARR ACCOUNT
IC809	NJM2904V	INTEGRATED CIRCUIT	1	C0ABBA000084
IC1102	TVRN198	IC	1	TC-32LX20
IC1102	TVRN199	IC	<u> </u>	TC-26LX20
IC1104	C0JBAA000298	IC	1	
IC1105	C0JBAB000290	IC	1	MNIAOOUEZEKBE
IC1106	TVRN217-2	IC	<u> </u>	MN102HF75KBF
IC1107	C0EBH0000274	IC LINEAR IC	1	
IC1108	AN1431M	LINEAR IC	1	
IC1109	C0JBAF000486	IC	1	
IC2301	C1BB00000800	IC	1	04840000070
IC2302,03	LA4901	IC	2	C1BA00000278
IC3101	C1AB00001874	IC	1	
IC3102	C1AB00001875	IC	1	
IC3103	AN5849SV	IC	1	
IC4002	C1AB00001926	IC	1	
IC4005	C0CBCAC00095	IC	1	
IC4006,07	C0CBCAD00012	IC	2	
IC4008	C0EBE0000336	IC	1	
IC4009	C0CBCAD00012	IC	1	
IC4010	C1AB00001869	IC	1	
IC4011	C1AB00001868	IC	1	
IC4013	CODBAZE00005	IC	1	
IC4015	COCBCACO0096	IC	1	
IC4016	C0CBCBD00008	IC	1	
IC4017,18	C3ABPJ000017	IC	2	
IC4019	C0JBCZ000485	IC	1	
IC5001	C3EBDC000046	IC	1	
IC5003	C1AB00001981	IC	1	
IC5005	C0EBE0000290	IC	1	
IC5006	C0FBBK000038	IC	1	
IC5007	C0ABBA000134	IC	1	
IC5009	C0CBCDC00035	IC	1	
IC5010	PQ07VZ012ZP	IC	1	C0DBEZG00004

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6501	C0JBAA000244	IC .	1	
IC6502	C0JBAE000231	IC	1	
IC6503	C0JBAZ002059	IC	1	
IC6505	C0DBZHE00019	IC	1	
IC6506	C0JBAZ001713	IC	1	
IC6507,08	C0JBAZ001120	IC	2	
IC6509	C0JBAZ001590	IC	1	
IC6510	C0JBAZ002060	IC	1	
IC6512	TVRN167	IC	1	
IC6513	C1AB00001816	IC	1	
IC6514	C3ABQG000069	IC	1	
IC6515	C0CBCBD00005	IC	1	
IC6516	C1AB00001815	IC	1	
IC6518	C0CBCAD00015	IC	1	Δ
		1		_
IC6520	PST9128NR	IC (LOGIC)	1	C0EBE0000066
IC6521	C0CBCBD00004	IC	1	
IC6522	C0JBAB000408	IC	1	
IC7100	C5HABZZ00113	IC	1	
IC7101	C5HABMG00001	IC	1	
IC7102-05	CNC1S171R	IC	4	<u> </u>
IC7106	AN1431M	LINEAR IC	1	
104	K4NAC9E00070	COR CONNECTOR	1	
JG1 JG2	K1NA68E00070	68P CONNECTOR	1	
JG3	K1NA09E00028	9P CONNECTOR	1	
JG6	K1KA11A00102 K1KA08A00293	11P CONNECTOR 8P CONNECTOR	1	
000	TTTAOOAO0233	OF CONNECTOR	'	
JK3001	K2HA204A0038	JACK	1	
JK3002	K1U412A00009	TERMINAL BOARD	1	
JK3003	K2HA920A0002	JACK	1	
JK3005	K2HA204A0038	JACK	1	
JK3700	TJBA187	TERMINAL BOARD	1	
JK5001	K1FA119E0001	CONNECTOR	1	
			•	
JS013	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS014	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS017,18	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS019-21	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS1114	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS11120	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2303-06	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
JS2303-00 JS2308	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3101,02	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3101,02 JS3104-06	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
JS3104-06 JS3108-10	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
JS3106-10 JS3115,16	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3115,16 JS3124		M 0 OHM, 1/10W	1	
	ERJ6GEY0R00	· ·		
JS3151-58	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
JS3321	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3801	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3802-06	ERJ6GEY0R00	M 0 OHM, 1/10W	5	
JS4004	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4011	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS4018	ERJ3GEY0R00	M 0 OHM, 1/16W	1	Remarks
JS4034-36	ERJ3GEY0R00	· ·	3	
		M 0 OHM, 1/16W		
JS4053	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4056-59	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
JS4066	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4074	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TC-26LX20
JS6509	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS6521-30	ERJ3GEYJ0R00	M 0 OHM, 1/16W	10	
JS6532	ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	
JS6534	ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	
JS7101	ERDS2TC0	C 0 OHM, 1/4W	1	
JS7103	ERDS2TC0	C 0 OHM, 1/4W	1	
K3	K1KA20A00085	20P CONNECTOR	1	
L2301-A,-A	TALL08N221KA	INDUCTION COIL	2	G0A221DA0010
L803	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L804-06	TALL08N330KA	INDUCTION COIL	3	G0A330GA0011
L807	TALLOSN471KA	INDUCTION COIL	1	G0A471CA0007
L808	TLUADTB331K	INDUCTION COIL	1	G0A331EA0011
L809	TALL13N470KB	INDUCTION COIL	1	G0A470HA0012
			1	JUATI UNAUU 12
L810	J0JHC0000031	CHIP INDUCTOR		C04220C4224
L811,12	TALL08N330KA	INDUCTION COIL	2	G0A330GA0011
L813	G0A680GA0002	INDUCTION COIL	1	
L814	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L815	TALL13N470KB	INDUCTION COIL	1	G0A470HA0012
L816	J0JHC0000034	CHIP INDUCTOR	1	
L819	J0JHC0000031	CHIP INDUCTOR	1	
L821-23	J0JHC0000031	CHIP INDUCTOR	3	
L826,27	J0JHC0000031	CHIP INDUCTOR	2	
L829	J0JHC0000031	CHIP INDUCTOR	1	
L831,32	J0JHC0000031	CHIP INDUCTOR	2	
L835-38	J0JHC0000031	CHIP INDUCTOR	4	
L1102	J0JCC0000241	CHIP INDUCTOR	1	
L1103	J0JHC0000078	CHIP INDUCTOR	1	
L1104	J0JBC0000080	CHIP INDUCTOR	1	
L3101,02	G0A100GA0013	CHOKE COIL	2	
L3109	J0JHC0000078	CHIP INDUCTOR	1	
L3110	G1C4R7M00021	INDUCTOR COIL	1	
L3111	ELELE330KA	CHOKE COIL	1	
L3322	ELESE101JA	PEAKING COIL	1	
L4007	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L4007 L4008		-	1	
	J0JGC0000021	CHIP INDUCTOR COIL		
L4010	G1C2R2K00006	INDUCTION COIL	1	
L4011,12	J0JCC0000241	CHIP INDUCTOR	2	
L4013-15	J0JHC0000078	CHIP INDUCTOR	3	
L4016-20	J0JCC0000241	CHIP INDUCTOR	5	
L4021	J0JBC0000080	CHIP INDUCTOR	1	
L4022	J0JHC0000078	CHIP INDUCTOR	1	
L4023	J0JBC0000080	CHIP INDUCTOR	1	
L4025	J0JHC0000078	CHIP INDUCTOR	1	
L4026	J0JBC0000080	CHIP INDUCTOR	1	
L4027	J0JHC0000035	CHIP INDUCTOR	1	
L4028	G1C100KA0008	INDUCTOR COIL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L4029	G1C220MA0077	INDUCTOR COIL	1	
L4030-34	J0JCC0000241	CHIP INDUCTOR	5	
L4035	TALC168T100K	CHIP INDUCTOR COIL	1	G1C100KA0009
L4036	J0JCC0000241	CHIP INDUCTOR	1	
L4037	J0JGC0000021	CHIP INDUCTOR COIL	1	
L4039	J0JHC0000031	CHIP INDUCTOR	1	
L4041	J0JGC0000021	CHIP INDUCTOR COIL	1	
L4042,43	J0JHC0000078	CHIP INDUCTOR	2	
 L4048,49	J0JGC0000021	CHIP INDUCTOR COIL	2	
L4050-52	TALC168T100K	CHIP INDUCTOR COIL	3	G1C100KA0009
L4053	J0JCC0000241	CHIP INDUCTOR	1	
L4072-75	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
L5001	J0JBC0000080	CHIP INDUCTOR	1	
L5002	ELJPA2R2MF	CHIP INDUCTOR	1	
L5003	J0JHC0000031	CHIP INDUCTOR	1	
L5004	J0JBC0000080	CHIP INDUCTOR	1	
L5005,06	J0JHC0000031	CHIP INDUCTOR	2	
L5007,08	J0JBC0000080	CHIP INDUCTOR	2	
L5009	J0JHC0000031	CHIP INDUCTOR	1	
L5031	J0JBC0000080	CHIP INDUCTOR	1	
L5033	ELJPA2R2MF	CHIP INDUCTOR	1	
L5034	J0JBC0000080	CHIP INDUCTOR	1	
L5037	J0JBC0000080	CHIP INDUCTOR	1	
L5039	J0JBC0000080	CHIP INDUCTOR	1	
L5041	J0JHC0000031	CHIP INDUCTOR	1	
L5042	EXCCL3225U1	EMI FILTER	1	
L6501,02	J0JHC0000035	CHIP INDUCTOR	2	
L6504,05	J0JHC0000035	CHIP INDUCTOR	2	
L6508	G1C8R2K00009	INDUCTOR COIL	1	
L6509,10	J0JHC0000035	CHIP INDUCTOR	2	
L6512,13	J0JHC0000035	CHIP INDUCTOR	2	
L6516	J0JHC0000035	CHIP INDUCTOR	1	
L6518	J0JHC0000035	CHIP INDUCTOR	1	
L6521	J0JHC0000035	CHIP INDUCTOR	1	
L7104	EXCELDR35C	BEAD CHOKE	1	
L7105	EXCELSA35	BEAD CHOKE	1	
L7103 L7107	EXCELSA35	BEAD CHOKE	1	
L/ 10/	EXCELOAGO	BEAD CHOKE	+ '	
LF7000,01	G0B852H00001	CHOKE COIL	2	A
 P1	TJS169560	6P CONNECTOR	1	K1KA06A00188
P2	K1KA02A00169	2P CONNECTOR	1	
P3	K1KA08A00425	8P CONNECTOR	1	
P4	K1KA11A00124	11P CONNECTOR	1	
			<u> </u>	
Q805	2SC584500L	TRANSISTOR	1	
Q806	2SD602	TRANSISTOR	1	
Q807	B1DHHG000001	TRANSISTOR	1	
Q808-10	UN521L	TRANSISTOR	3	UNR521L
Q811	B1DHDD000012	TRANSISTOR	1	
Q812	UN5211	TRANSISTOR	1	UNR5211
Q813,14	2SD602	TRANSISTOR	2	
Q815	2SA207700L	TRANSISTOR	1	
Q816-19	UN521L	TRANSISTOR	4	UNR521L

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q820	2SA720R	TRANSISTOR	1	2SA07200R
Q821	2SA207700L	TRANSISTOR	1	
Q822	2SC584500L	TRANSISTOR	1	
Q823	2SA207700L	TRANSISTOR	1	
Q824	2SC584500L	TRANSISTOR	1	
Q827,28	2SC584500L	TRANSISTOR	2	
Q830,31	2SD601A	TRANSISTOR	2	2SD0601A
Q832	2SD602	TRANSISTOR	1	
Q833	B1DHDD000012	TRANSISTOR	1	
Q834	UN5211	TRANSISTOR	1	UNR5211
Q1001,02	2SC584500L	TRANSISTOR	2	
Q1105	2SA207700L	TRANSISTOR	1	
Q1106	2SC584500L	TRANSISTOR	1	
Q1111	2SA207700L	TRANSISTOR	1	
Q1112	2SC584500L	TRANSISTOR	1	
Q1123	2SD602	TRANSISTOR	1	
Q2301	2SD601A	TRANSISTOR	1	2SD0601A
Q2302	2SD0601A	TRANSISTOR	1	
Q2305	2SA207700L	TRANSISTOR	1	
Q2307,08	2SC584500L	TRANSISTOR	2	
Q2310	2SC584500L	TRANSISTOR	1	
Q2310 Q2312	2SC584500L	TRANSISTOR	1	
Q2314,15	2SD2693ALB	TRANSISTOR	2	
Q2314,13 Q2316-19	2SC584500L	TRANSISTOR	4	
Q2310-19 Q2322	2SA207700L	TRANSISTOR	1	
			1	LINDOOAS
Q2326	UN2213	TRANSISTOR	1	UNR2213
Q2327	2SC584500L	TRANSISTOR		2000044
Q3101-03	2SD601A	TRANSISTOR	3	2SD0601A
Q3104-06	2SB709A	TRANSISTOR	3	2SB0709A
Q3114-19	2SC584500L	TRANSISTOR	6	
Q3121	2SC584500L	TRANSISTOR	1	
Q3325,26	2SC584500L	TRANSISTOR	2	
Q3327	2SA207700L	TRANSISTOR	1	
Q4018	2SC584500L	TRANSISTOR	1	
Q4020	2SC584500L	TRANSISTOR	1	
Q4022	2SC584500L	TRANSISTOR	1	
Q4024	2SC584500L	TRANSISTOR	1	
Q4026	2SC584500L	TRANSISTOR	1	
Q4028	2SC584500L	TRANSISTOR	1	
Q4030	2SC584500L	TRANSISTOR	1	
Q4032-37	2SA207700L	TRANSISTOR	6	
Q4038	2SD1030	TRANSISTOR	1	
Q4039,40	2SC584500L	TRANSISTOR	2	
Q4041	2SD1030	TRANSISTOR	1	
Q4042,43	2SC584500L	TRANSISTOR	2	
Q4044	UN2215	TRANSISTOR	1	UNR2215
Q4047,48	UN5211	TRANSISTOR	2	UNR5211
Q4049	UN221N	TRANSISTOR	1	
Q4050	UN2212	TRANSISTOR	1	UNR2212
Q4051	UN2215	TRANSISTOR	1	UNR2215
Q4055,56	2SA207700L	TRANSISTOR	2	
Q4069-71	2SC584500L	TRANSISTOR	3	
Q4081	UN2213	TRANSISTOR	1	UNR2213
Q4082	UN221N	TRANSISTOR	1	

Ref. No.	Part No.	Part Nama & Decarintian	Doc	Domorko
Q4083,84	UN5211	Part Name & Description TRANSISTOR	Pcs 2	Remarks UNR5211
Q5001	B1MBACA00004	TRANSISTOR	1	UNKJZTI
				20D0001A
Q5002,03	2SD601A	TRANSISTOR	2	2SD0601A
Q5004-09	2SB709A	TRANSISTOR	6	2SB0709A
Q5014	2SB709A	TRANSISTOR	1	2SB0709A
Q5016-19	2SD601A	TRANSISTOR	4	2SD0601A
Q5020,21	UN2219	TRANSISTOR	2	UNR2219
Q6501,02	2SA207700L	TRANSISTOR	2	
Q6503-06	2SC584500L	TRANSISTOR	4	
Q7100	2SB709A	TRANSISTOR	1	2SB0709A
Q7101,02	2SD601A	TRANSISTOR	2	2SD0601A
Q7103	2SB709A	TRANSISTOR	1	2SB0709A
Q7104	2SD601A	TRANSISTOR	1	2SD0601A
Q7105,06	2SC584500L	TRANSISTOR	2	
Q7108	2SB709A	TRANSISTOR	1	2SB0709A
Q7109	2SD601A	TRANSISTOR	1	2SD0601A
Q7110	2SB709A	TRANSISTOR	1	2SB0709A
Q7111,12	2SD601A	TRANSISTOR	2	2SD0601A
Q7113	2SD602	TRANSISTOR	1	
Q7114	2SC584500L	TRANSISTOR	1	
Q7115	2SD601A	TRANSISTOR	1	2SD0601A
Q7116	2SB709A	TRANSISTOR	1	2SB0709A
R805	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R806	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R807	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R811,12	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	2	
R813-15			3	
	ERJ6GEYJ103	M 10KOHM,J,1/10W		
R816	ERJ6ENF2492	M24.9KOHM, 1/10W	1	
R817	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R822	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R823	ERJ6ENF6341	M6.34KOHM, 1/10W	1	
R830	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R832	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R833	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R834	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R836	ERJ6GEYJ564	M 560KOHM,J,1/10W	1	
R837	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R840	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R841	ERJ6ENF1581	M1.58KOHM, 1/10W	1	
R842	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R843	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R844	ERJ6ENF6341	M6.34KOHM, 1/10W	1	
R845	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R846	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R847	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R848	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R849	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R850	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R851	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R852,53	ERJ6GEYJ564	M 560KOHM,J,1/10W	2	
R854	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R855,56	ERJ6ENF1001	M 1KOHM, 1/10W	2	
-		-		
R857	ERJ6ENF1691	M1.69KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R858	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R859	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R860	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R861	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R862	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R863	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R864	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R865	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R866	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R868	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R869	ERG1SJ330	M 33 OHM, J, 1W	1	
R870	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R871	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R872	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R873	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R875	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R877	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	1	
R878	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R879	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R880	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R881	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R885	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R886	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R887	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R888-92	ERJ6GEYJ223	M 22KOHM,J,1/10W	5	
R893	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R899	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R900	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R901	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R902	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R903	ERJ6ENF4990	M 499 OHM, 1/10W	1	
R905,06	ERJ6ENF3301	M 3.3KOHM, 1/10W	2	
R907	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R909	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R910	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R911	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R912,13	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R915	ERX2SJR27	M0.27 OHM, J, 2W	1	
R916	ERX2SJR33P	M0.33 OHM, J, 2W	1	
R917	ERJ6ENF4322	M43.2KOHM, 1/10W	1	
R918	ERJ6ENF4022	M40.2KOHM, 1/10W	1	
R919	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R920,21	ERJ6ENF1003	M 100KOHM, 1/10W	2	
R922	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R923	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R924	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R925,26	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R927-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R930	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
	 	M 0 OHM, 1/16W	2	
R931,32 R933	ERJ3GEY0R00	M 15KOHM, J,1/10W	1	
	ERJ6GEYJ153	C 1KOHM, J,1/4W	1	
R1002 P1003	ERDS2TJ102	M 47 OHM, J,1/10W		
R1003	ERJ6GEYJ470 ERJ6GEYJ473	M 47 OHM,3,1/10W	1	

	Remark	Pcs	Part Name & Description	Part No.	Ref. No.
	- Noman	1	M 10KOHM,J,1/10W	ERJ6GEYJ103	R1005
		1	M 47KOHM,J,1/10W	ERJ6GEYJ473	R1007
		1	M 10KOHM,J,1/10W	ERJ6GEYJ103	R1008
		1	M 1.8KOHM,J,1/10W	ERJ6GEYJ182	R1009
		1	M 390 OHM,J,1/10W	ERJ6GEYJ391	R1010
		1	C 22KOHM, J,1/4W	ERDS2TJ223	R1018
		1	M3.16KOHM, 1/10W	ERJ6ENF3161	R1050
		1	M2.32KOHM, 1/10W	ERJ6ENF2321	R1051
		1	M1.62KOHM, 1/10W	ERJ6ENF1621	R1052
		1	M1.74KOHM, 1/10W	ERJ6ENF1741	R1053
		1	M 47KOHM, J,1/16W	ERJ3GEYJ473	R11033
		3	· · ·		
		-	M 1.8KOHM,J,1/16W	ERJ3GEYJ182	R1106-08
		2	M 22 OHM,J,1/16W	ERJ3GEYJ220	R1110,11
		2	M 3.3KOHM,J,1/16W	ERJ3GEYJ332	R1114,15
		2	M 56KOHM,J,1/16W	ERJ3GEYJ563	R1117,18
		1	M 1.8KOHM,J,1/16W	ERJ3GEYJ182	R1119
		1	M 10KOHM,J,1/16W	ERJ3GEYJ103	R1120
		1	M 100KOHM,J,1/16W	ERJ3GEYJ104	R1121
		1	M 39 OHM,J,1/16W	ERJ3GEYJ390	R1122
		1	M 1KOHM,J,1/16W	ERJ3GEYJ102	R1123
		1	M 33KOHM,J,1/16W	ERJ3GEYJ333	R1124
		1	M 56KOHM,J,1/16W	ERJ3GEYJ563	R1125
		1	M 10KOHM,J,1/16W	ERJ3GEYJ103	R1126
		1	M 100KOHM,J,1/16W	ERJ3GEYJ104	R1127
		1	M 47KOHM,J,1/16W	ERJ3GEYJ473	R1128
		2	M 3.3KOHM,J,1/16W	ERJ3GEYJ332	R1129,30
		1	M 0 OHM, 1/16W	ERJ3GEY0R00	R1131
		1	M 1KOHM,J,1/16W	ERJ3GEYJ102	R1132
		1	M 0 OHM, 1/16W	ERJ3GEY0R00	R1134
		2	M 22 OHM,J,1/16W	ERJ3GEYJ220	R1140,41
		1	M 0 OHM, 1/16W	ERJ3GEY0R00	R1143
		1	M 22 OHM,J,1/16W	ERJ3GEYJ220	R1144
		1	M 0 OHM, 1/16W	ERJ3GEY0R00	R1148
		1	M7.15KOHM, 1/16W	ERJ3EKF7151	R1150
		1	M 150 OHM,J,1/16W	ERJ3GEYJ151	R1152
		2	M 22 OHM,J,1/16W	ERJ3GEYJ220	R1154,55
		1	M 3.3KOHM,J,1/16W	ERJ3GEYJ332	R1159
		3	M 0 OHM, 1/16W	ERJ3GEY0R00	R1162-64
		1	M 1KOHM,J,1/16W	ERJ3GEYJ102	R1165
		1	M 1KOHM,J,1/16W	ERJ3GEYJ102	R1167
		1	M 100KOHM,J,1/16W	ERJ3GEYJ104	R1168
02	D0GB101JA00	1	M 100 OHM,J,1/16W	ERJ3GEYJ101	R1170
		1	M 47KOHM,J,1/16W	ERJ3GEYJ473	R1171
		1	M 0 OHM, 1/16W	ERJ3GEY0R00	R1172
		1	M 1KOHM,J,1/16W	ERJ3GEYJ102	R1174
		1	M 22 OHM,J,1/16W	ERJ3GEYJ220	R1175
		1	M 0 OHM, 1/16W	ERJ3GEY0R00	R1176
		1	M 1KOHM,J,1/16W	ERJ3GEYJ102	R1178
		1			
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		1	M 6.8KOHM, 1/16W	ERJ3EKF6801	R1184
02	DOGB101JA00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 1KOHM,J,1/16W M 1KOHM,J,1/16W M 100KOHM,J,1/16W M 100 OHM,J,1/16W M 47KOHM,J,1/16W M 0 OHM, 1/16W M 1KOHM,J,1/16W M 22 OHM,J,1/16W M 1KOHM,J,1/16W M 1KOHM,J,1/16W M 1KOHM,J,1/16W M 1KOHM,J,1/16W M 1KOHM,J,1/16W M 140 OHM, 1/16W M 140 OHM, 1/16W M 140 OHM, 1/16W M 140 OHM, 1/16W M 140 OHM,J,1/16W M 140 OHM,J,1/16W	ERJ3GEYJ102 ERJ3GEYJ104 ERJ3GEYJ101 ERJ3GEYJ473 ERJ3GEYJ473 ERJ3GEYJ102 ERJ3GEYJ200 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ102	R1165 R1167 R1168 R1170 R1171 R1172 R1174 R1175 R1176 R1178 R1179 R1181 R1182 R1183

Dof No.	Port No.	Part Nama & Decarintian	Boo	Domorko
Ref. No. R1189	Part No. ERJ3GEYJ102	Part Name & Description M 1KOHM,J,1/16W	Pcs 1	Remarks
R1194	ERJ3GEYJ102		1	
R1200		M 1KOHM,J,1/16W	1	
	ERJ3GEYJ333	M 33KOHM,J,1/16W	3	
R1203-05	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1206	ERJ3EKF2701	M 2.7KOHM, 1/16W		
R1207	ERJ3EKF6191	M6.19KOHM, 1/16W	1	
R1208	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R1210-15	ERJ3GEYJ102	M 1KOHM,J,1/16W	6	
R1216	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1217	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1219	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1220	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1221	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R1222	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1224-26	ERJ3GEYJ104	M 100KOHM,J,1/16W	3	
R1230	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1231	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R1232	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1236	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R1237	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R1238	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R1240	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1241,42	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1254	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1261,62	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R1263,64	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R1265	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1266	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1268	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1275	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1276	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1277	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1278	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1279	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1284	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1286	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1292,93	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R1296	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1306	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1313	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1314	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R1315,16	ERJ3GEYJ180	M 18 OHM,J,1/16W	2	
R1317	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R1321	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2303-05	ERJ3GEYJ104	M 100KOHM,J,1/16W	3	
R2306	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2308-14	ERJ3GEYJ103	M 10KOHM,J,1/16W	7	
R2315	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2316	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2317,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2321	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2322-27	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	6	
R2328,29	ERJ12YJ100	M 10 OHM,J, 1/2W	2	
R2330	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	

Def Ne	Dart No.	Dort Nama & Decariation	Dag	Damarka
Ref. No. R2331-33	Part No. ERJ3GEYJ563	Part Name & Description M 56KOHM,J,1/16W	Pcs 3	Remarks
	ERJ3GEYJ102	1	1	
R2334		M 1KOHM,J,1/16W	1	
R2335	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R2336	ERJ3GEYJ184	M 180KOHM,J,1/16W		
R2337	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2338,39	ERJ6GEYJ271	M 270 OHM,J,1/10W	2	
R2341	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2342	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2343	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2344	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2345	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2346	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2348	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2349	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2350,51	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2352	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R2356,57	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R2358,59	ERJ3GEYJ563	M 56KOHM,J,1/16W	2	
R2360-64	ERJ3GEYJ223	M 22KOHM,J,1/16W	5	
R2368	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R2369,70	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2371	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2373	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2374	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2375	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2376-78	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R2380,81	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R2382-84	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	3	
R2385,86	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R2388	ERD25TJ682	C 6.8KOHM, J,1/4W	1	
R2391	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2394	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2395	ERJ6GEYJ203	M 20KOHM,J,1/10W	1	
R2396	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2397	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R2400	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2401	ERJ3GEYJ274	M 270KOHM,J,1/16W	1	
R2401	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2406	ERD25VJ560	C 56OHM, J,1/4W	1	
R3001-03	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
	ERJ6GEYJ184	,	2	
R3004,05	+	M 180KOHM, J,1/10W	1	
R3009,10	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3011-13	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3014-17	ERJ6GEYJ184	M 180KOHM,J,1/10W	4	
R3018-20	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3022-26	ERJ6GEY0R00	M 0 OHM, 1/10W	5	
R3112-14	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3115	ERJ6ENF68R0	M 68 OHM, 1/10W	1	
R3116	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3117	ERJ6ENF68R0	M 68 OHM, 1/10W	1	
R3118	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3119	ERJ6ENF68R0	M 68 OHM, 1/10W	1	
R3120	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3121-23	ERJ6ENF2000	M 200 OHM, 1/10W	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3124-26	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3127	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3128	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3129	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3131	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3132	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3153,54	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3156	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3166	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3168	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3169	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3170,71	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3173	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3175	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3177	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3178	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3180	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3182	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3184	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3191	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3193,94	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3196	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3198,99	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3201	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3203-05	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3206	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3207	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3208	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3209	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3211	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3213-15	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3216,17	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3222	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3227-30	ERJ3GEYJ181	M 180 OHM, 1/16W	4	
R3232	ERJ3GEYJ181		1	
R3234	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R3235,36		M 180 OHM,J,1/16W		
	ERJ3GEYJ361 ERJ3GEYJ561	M 360 OHM, J, 1/16W	2 2	
R3239,40	 	M 560 OHM, J,1/16W		
R3243,44	ERJ3GEYJ561	M 560 OHM,J,1/16W	2	
R3251,52	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3253-55	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3257	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3258	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3259	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3260	ERJ6GEYJ683	M 68KOHM,J,1/10W	1	
R3265	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3279-84	ERJ3GEYJ151	M 150 OHM,J,1/16W	6	
R3286	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3301-03	ERJ3GEYJ104	M 100KOHM,J,1/16W	3	
R3352	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3363,64	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3365	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1 1	

R3367 ERJ6GEY0R00 M 0 OHM, 1/10W 1 R3386,89 ERJ6GEYJ102 M 1KOHM, J,1/16W 1 R3371 ERJ3GEYJ102 M 1KOHM, J,1/16W 1 R3372 ERJ3GEYJ473 M 47KOHM, J,1/16W 1 R3373 ERJ3GEYJ474 M 270KOHM, J,1/16W 1 R3374 ERJ3GEYJ101 M 100 OHM, J,1/16W 2 DOGB101JA002 R3377,78 ERJ3GEYJ101 M 100 OHM, J,1/16W 2 DOGB101JA002 R3379,80 ERJ3GEYJ182 M 1.8KOHM, J,1/16W 2 DOGB101JA002 R3381,22 ERJ3GEYJ184 M 180KOHM, J,1/16W 2 DOGB101JA002 R3702 ERDSZTJ103 C 10KOHM, J,1/16W 3 I R3702 ERJ6ENF75R0 M 75 OHM, 1/10W 3 I R3703-05 ERJ6ENF75R0 M 75 OHM, 1/10W 2 I R3814 ERJ6GEYJ184 M 180KOHM, J,1/10W 1 I R3814 ERJ6GEYJ00 M 10 OHM, 1/10W 1 I R3814 ERJ6GEYJ102 <t< th=""><th>Pof No</th><th>Port No.</th><th>Part Nama & Decaription</th><th>Doc</th><th>Domorko</th></t<>	Pof No	Port No.	Part Nama & Decaription	Doc	Domorko
R3368,69 ERJ6GEYJ102 M 1KOHM,J,1/10W 2 R3371 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R3372 ERJ3GEYJ473 M 47KOHM,J,1/16W 1 R3373 ERJ3GEYJ274 M 27KOHM,J,1/16W 1 R3374 ERJ3GEYJ101 M 100 OHM,J,1/16W 2 R3377,78 ERJ3GEYJ101 M 100 OHM,J,1/16W 2 R3377,78 ERJ3GEYJ181 M 100 OHM,J,1/16W 2 R3377,78 ERJ3GEYJ184 M 180KOHM,J,1/16W 2 R3381,82 ERJ3GEYJ184 M 180KOHM,J,1/16W 2 R3383 ERJ3GEYJ103 C 10KOHM,J,1/10W 1 R3702 ERJ6ENF75R0 M 75 OHM,J,1/10W 2 R3703-05 ERJ6ERYJ103 M 150KOHM,J,1/10W 2 R3814 ERJ6EYJ200 M 20 OHM,J,1/10W 1 R3814 ERJ6GEY0R00 M 0 OHM, 1/10W 1 R4097 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4097 ERJ3GEYJ241 M 170KOHM,J,1/16W 1 R4099	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3371 ERJ3GEYJ102 M 1KOHN,J,1/16W 1 R3372 ERJ3GEYJ373 M 47KOHN,J,1/16W 1 R3373 ERJ3GEYJ373 M 47KOHN,J,1/16W 1 R3375,76 ERJ3GEYJ101 M 100 OHM,J,1/16W 2 R3377,78 ERJ3GEYJ101 M 100 OHM,J,1/16W 2 R3377,80 ERJ3GEYJ182 M 1.8KOHN,J,1/16W 2 R3377,80 ERJ3GEYJ182 M 1.8KOHN,J,1/16W 2 R3379,80 ERJ3GEYJ184 M 180KOHM,J,1/16W 2 R3383,82 ERJ3GEYJ184 M 180KOHM,J,1/16W 1 R3702 ERDS2TJ103 C 10KOHM,J,1/16W 1 R3702 ERDS2TJ103 C 10KOHM,J,1/10W 3 R3703-05 ERJGEFYJ84 M 180KOHM,J,1/10W 2 R3811,12 ERJGEYJ184 M 180KOHM,J,1/10W 2 R3811,12 ERJGEYJ102 M 120HM,J,1/10W 1 R3814 ERJGEYJ02 M 20HM,J,1/10W 1 R3814 ERJGEYJ00 M 0 OHM, 1/10W 1 R3814 ERJGEYJ102 M 10HM,J,1/10W 1 R3814 ERJGEYJ102 M 10HM,J,1/10W 1 R3814 ERJGEYJ102 M 10HM,J,1/16W 1 R4093 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4091 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4099 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4099 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4099 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4104 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4104 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4104 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4108 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4109 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4109 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4104 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4105 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4106 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4108 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4109 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4110 ERJJGEYJ103 M 10KOHM,J,1/16W 1 R4111 ERJJGEYOR00 M 0 0HM, 1/16W 1 R4112 ERJJGEYJ101 M 150 0HM,J,1/16W 1 R4113 ERJJGEYJ101 M 150 0HM,J,1/16W 1 R4114 ERJJGEYJ010 M 10 0HM, 1/16W 1 R4115 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4128 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4129 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4120 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4121 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4122 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4123 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4124 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4125 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4126 ERJJGEYJ010 M 0 0HM, 1/16W 1 R4127 ERJJEKF7800 M 0 0 0HM, 1/16W 1 R4128 ERJJGEYJ010 M 0 0 0HM, 1/16W 1 R4133 ERJJEKF7800 M 0 0 0HM, 1/16W 1 R4140,41 ERJJEKF3001				-	
R3372 ERJ3GEYJ473 M 47KOHM,J,1/16W 1 R3373 ERJ3GEYJ274 M 270KOHM,J,1/16W 1 R3374 ERJ3GEYJ101 M 100 OHM,J,1/16W 2 R3375,76 ERJ3GEYJ101 M 100 OHM,J,1/16W 2 R3377,78 ERJ3GEYJ182 M 1.8KOHM,J,1/16W 2 R3379,80 ERJ3GEYJ184 M 100 OHM,J,1/16W 2 R3379,80 ERJ3GEYJ184 M 100 OHM,J,1/16W 2 R33838 ERJ3GEYJ184 M 100 OHM,J,1/16W 1 R3702 ERD5ZTJ103 C 10KOHM, J,1/14W 1 R3703-05 ERJ6ENF75R0 M 75 OHM, J/10W 3 R3706,07 ERJ5GEYJ184 M 180KOHM,J,1/10W 2 R33811,12 ERJ5GEYJ184 M 180KOHM,J,1/10W 1 R3811,12 ERJ5GEYJ184 M 180KOHM,J,1/10W 1 R3811,12 ERJ5GEYJ102 M 22 OHM,J,1/10W 1 R3814 ERJ5GEYJ00 M 20 OHM,J/1/10W 1 R3814 ERJ5GEYJ100 M 1 KOHM,J,1/10W 1 R4038,39 ERJ5GEY0R00 M 0 OHM, 1/10W 1 R4038,39 ERJ5GEY0R00 M 0 OHM, 1/10W 1 R4089 ERJ3GEYJ101 M 470 OHM,J,1/16W 1 R4091 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4091 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4091 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4092 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4102 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4105 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4106 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4110 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4111 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4112 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4115 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4125 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4126 ERJ3EKF3800 M 30 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM,J,1/16W 1 R4128 ERJ3EKF7680 M 768 OHM,J,1/16W 1 R4130 ERJ3EKF7800 M 0 OHM, 1/16W 1 R4131 ERJ3EKF7800 M 0 OHM, 1/16W 1 R4132 ERJ3EKF7800 M 0 OHM, 1/16W 1 R4133 ERJ3EKF7800 M 0 OHM, 1/16W 1 R4144,44 ERJ3EKF3801 M 3.3KOHM, 1/16W 1 R4145 ERJ3EKF3801 M 3.3KOHM, 1/16W 1 R4146 ERJ3EKF3800 M 0 OHM, 1/16W 1 R4147 ERJ3EKF3801 M 3.3KOHM, 1/16W 1 R41484 ERJ3EKF3801 M 3.3KOHM, 1/16W 1 R41484 ERJ3EKF3300 M 0 OHM, 1/16W 1 R4149 ERJ3EKF3300 M 0 OHM, 1/16W 1	· · · · · · · · · · · · · · · · · · ·				
R3373 ERJ3GEYJ274 M 270KOHN,J,1/16W 1 R3374 ERJ3GEYJ105 M 1MOHM,J,1/16W 1 R3375,76 ERJ3GEYJ101 M 100 OHM,J1/16W 2 R3377,78 ERJ3GEYJ101 M 100 OHM,J1/16W 2 R3377,78 ERJ3GEYJ101 M 100 OHM,J1/16W 2 R3377,80 ERJ3GEYJ101 M 100 OHM,J1/16W 2 R3381,82 ERJ3GEYJ184 M 180KOHM,J,1/16W 2 R3381,82 ERJ3GEYJ184 M 180KOHM,J,1/16W 1 R3702 ERDSZTJ103 C 10KOHM, J,1/16W 1 R3703-05 ERJGEYJ184 M 180KOHM,J,1/10W 3 R3706,07 ERJGGEYJ184 M 180KOHM,J,1/10W 2 R3811,12 ERJGGEYJ220 M 22 OHM,J,1/10W 2 R3811,12 ERJGGEYJ220 M 12 OHM,J,1/10W 1 R3814 ERJGGEYJ20 M 10 OHM, 1/10W 1 R3814 ERJGGEYJ102 M 1KOHM,J,1/10W 1 R4038,39 ERJGGEYJ103 M 10 OHM, 1/10W 1 R4038,39 ERJGGEYJ103 M 10 OHM, 1/10W 1 R4090 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4091 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4092 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4093 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4093 ERJ3GEYJ21 M 220 OHM,J,1/16W 1 R4102 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4102 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4108 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4109 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4110 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4111 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4111 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4112 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4115 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4121 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4125 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4126 ERJ3EKF3800 M 30 OHM, 1/16W 1 R4127 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4128 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4129 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4121 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4122 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4123 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4124 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4125 ERJ3GEYOROO M 0 OHM, 1/16W 1 R4126 ERJ3EKF3800 M 30 OHM, 1/16W 1 R4127 ERJ3EKF3801 M 36KOHM, 1/16W 1 R4128 ERJ3EKF3801 M 36KOHM, 1/16W 1 R41404 ERJ3EKF3801 M 36KOHM, 1/16W 1 R41404 ERJ3EKF3801 M 36KOHM, 1/16W 1 R41404 ERJ3EKF3801 M 36KOH					
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R3379,80 ERJ3GEYJ101 M 100 OHM, J,1/16W 2 DOGB101JA002 R3381,82 ERJ3GEYJ184 M 180KOHM, J,1/16W 2 R3383 ERJ3GEYOR00 M 0 OHM, 1/16W 1	· · · · · · · · · · · · · · · · · · ·				DUGBTUTJAUUZ
R3381,82 ERJ3GEYJ184 M 180KOHM,J,1/16W 2 R3383 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R3702 ERDSZTJ103 C 10KOHM, J,1/4W 1 R3703-05 ERJ6ENF75R0 M 75 OHM, 1/10W 3 R3706,07 ERJ6GEYJ184 M 180KOHM,J,1/10W 2 R3811,12 ERJ6GEYJ122 M 22 OHM,J,1/10W 1 R3813 ERJ6GEYJ102 M 1KOHM,J,1/10W 1 R3814 ERJ6GEYOR00 M 0 OHM, 1/10W 1 R4088,39 ERJ6GEYJ07 M 14 OHM, 1/10W 1 R4087 ERJ3GEYJ471 M 470 OHM,J,1/16W 1 R4099 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4099 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4090 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4102 ERJ3GEYJ221 M 240 OHM,J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4105 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4106 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4108 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4110 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4110 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4111 ERJ3GEYJ101 M 150 OHM,J,1/16W 1 R4112 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4115 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4116 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4117 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4119 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4112 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4121 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4127 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4128 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4129 ERJ3GEYJ561 M 768 OHM, 1/16W 1 R4129 ERJ3GEYJ561 M 768 OHM, 1/16W 1 R4120 ERJ3GEYJ600 M 0 OHM, 1/16W 1 R4121 ERJ3GEYJ600 M 0 OHM, 1/16W 1 R4122 ERJ3GEYJ600 M 0 OHM, 1/16W 1 R4123 ERJ3GEYJ600 M 0 OHM, 1/16W 1 R4124 ERJ3GEYJ600 M 0 OHM, 1/16W 1 R4125 ERJ3GEYJ600 M 0 OHM, 1/16W 1 R4126 ERJ3GEYJ600 M 0 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4130 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 ERJ3EKF3601 M 3.3KOHM, 1/16W 1 ERJ3EKF3300 M 330 OHM, 1/16W 1	· · · · · · · · · · · · · · · · · · ·				DOOD404 LAGOO
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R3813 ERJ6GEYJ102 M 1KOHM,J,1/10W 1 R3814 ERJ6GEY0R00 M 0 OHM, 1/10W 1 R4038,39 ERJ6GEY0R00 M 0 OHM, 1/10W 2 R4087 ERJ3GEYJ471 M 470 OHM,J,1/16W 1 R4089 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4091 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4092 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4093 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4094 ERJ3GEYJ221 M 240 OHM,J,1/16W 1 R4102 ERJ3GEYJ23 M 12KOHM,J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4105 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4106 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4110 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4110 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4111 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4112 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4115 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4121 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4127 ERJ3GEYJ561 M 150 OHM, 1/16W 1 R4128 ERJ3GEYDR00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4130 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4131 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4130 ERJ3GEYDR00 M 0 OHM, 1/16W 1 R4131 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF7600 M 768 OHM, 1/16W 1 R4134 ERJ3EKF7600 M 70 OHM, 1/16W 1 R4135 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4136-38 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R41440,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4144 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4144 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4144 ERJ3EKF3300 M 30 OHM, 1/16W 1 R4144 ERJ3EKF3300 M 30 OHM, 1/16W 1 R4144 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R41450 ERJ3EKF3300 M 30 OHM, 1/16W 1	· · · · · · · · · · · · · · · · · · ·				
R3814 ERJ6GEY0R00 M 0 OHM, 1/10W 1 R4038,39 ERJ6GEY0R00 M 0 OHM, 1/10W 2 R4087 ERJ3GEYJ471 M 470 OHM, J,1/16W 1 R4089 ERJ3GEYJ103 M 10KOHM, J,1/16W 1 R4091 ERJ3GEYJ102 M 1KOHM, J,1/16W 1 R4093 ERJ3GEYJ221 M 220 OHM, J,1/16W 1 R4099 ERJ3GEYJ221 M 240 OHM, J,1/16W 1 R4102 ERJ3GEYJ123 M 12KOHM, J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM, J,1/16W 1 R4105 ERJ3GEYJ100 M 1KOHM, J,1/16W 1 R4107 ERJ3GEYJ108 M 10KOHM, J,1/16W 1 R4110 ERJ3GEYJ109 M 1KOHM, J,1/16W 1 R4110 ERJ3GEYJ101 M 150 OHM, J,1/16W 1 R4111 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4112 ERJ3GEYJ151 M 150 OHM, J,1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM, J,1/16W 1 R4114 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4115 ERJ3GEYJ151 M 150 OHM, J,1/16W 1 R4116 ERJ3GEYJ551 M 150 OHM, J,1/16W 1 R4117 ERJ3GEYJ551 M 150 OHM, J,1/16W 1 R4118 ERJ3GEYJ551 M 560 OHM, J,1/16W 1 R4121 ERJ3GEYJ561 M 560 OHM, J,1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM, J,1/16W 1 R4124 ERJ3GEYJ561 M 560 OHM, J,1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM, J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, J,1/16W 1 R4128 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM, J,1/16W 1 R4131 ERJ3GEYJ102 M 1KOHM, J,1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF2R00 M 0 OHM, 1/16W 1 R4134 ERJ3EKF3601 M 36KOHM, 1/16W 1 R4143,44 ERJ3EKF3601 M 36KOHM, 1/16W 2 R41444,45 ERJ3EKF3001 M 33KOHM, 1/16W 1 R4144 ERJ3EKF3301 M 36KOHM, 1/16W 1 R4145 ERJ3EKF3301 M 36KOHM, 1/16W 1 R4146,47 ERJ3EKF3301 M 33KOHM, 1/16W 1 R4149 ERJ3EKF3300 M 0 OHM, 1/16W 1 R4149 ERJ3EKF3300 M 0 OHM, 1/16W 1 R4140 ERJ3EKF3301 M 36KOHM, 1/16W 1 R4140 ERJ3EKF3301 M 33KOHM, 1/16W 1 R4140 ERJ3EKF3300 M 0 OHM, 1/16W 1	R3811,12		M 22 OHM,J,1/10W		
R4038,39 ERJ6GEY0R00 M 0 OHM, 1/10W 2 R4087 ERJ3GEYJ471 M 470 OHM, J, 1/16W 1 R4089 ERJ3GEYJ103 M 10KOHM, J, 1/16W 1 R4091 ERJ3GEYJ102 M 1KOHM, J, 1/16W 1 R4093 ERJ3GEYJ221 M 220 OHM, J, 1/16W 1 R4099 ERJ3GEYJ241 M 240 OHM, J, 1/16W 1 R4102 ERJ3GEYJ123 M 12KOHM, J, 1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM, J, 1/16W 1 R4107 ERJ3GEYJ102 M 1KOHM, J, 1/16W 1 R4109 ERJ3GEYJ102 M 1KOHM, J, 1/16W 1 R4109 ERJ3GEYJ102 M 1KOHM, J, 1/16W 1 R4110 ERJ3GEYJ151 M 150 OHM, J, 1/16W 1 R4111 ERJ3GEYJ151 M 150 OHM, J, 1/16W 1 R4114 ERJ3GEYJ151 M 150 OHM, J, 1/16W 1 R4115 ERJ3GEYJ561 M 150 OHM, J, 1/16W 1 R4121 ERJ3GEYJ561 M 560 OHM, J, 1/16W 1 R412		ERJ6GEYJ102			
R4087 ERJ3GEYJ471 M 470 OHM,J,1/16W 1 R4089 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4091 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4093 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4109 ERJ3GEYJ241 M 240 OHM,J,1/16W 1 R4102 ERJ3GEYJ123 M 12KOHM,J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4109 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4110 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4111 ERJ3GEYJ5151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYJ551 M 150 OHM,J,1/16W 1 R4118 ERJ3GEYJ551 M 150 OHM,J,1/16W 1 R4121 ERJ3GEYJ561 M 360 OHM,J,1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4123 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4126 ERJ3GEY55	R3814	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4089 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4091 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4093 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4099 ERJ3GEYJ241 M 240 OHM,J,1/16W 1 R4102 ERJ3GEYJ123 M 12KOHM,J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4109 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4110 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4111 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4113 ERJ3GEYJ51 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYJ51 M 150 OHM,J,1/16W 1 R4117 ERJ3GEYJ500 M 0 OHM, 1/16W 1 R4118 ERJ6EY0R00 M 0 OHM,J,1/16W 1 R4121 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4125 ERJ3GEYJ60	R4038,39	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R4091 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4093 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4099 ERJ3GEYJ241 M 240 OHM,J,1/16W 1 R4102 ERJ3GEYJ123 M 12KOHM,J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4109 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4110 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4117 ERJ3GEYJ561 M 150 OHM,J,1/16W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYJ600 M 0 OHM, 1/16W 1 R4125 ERJ3GEY0R00 M 768 OHM, 1/16W 1 R4128 ERJ3GEY0R0	R4087	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R4093 ERJ3GEYJ221 M 220 OHM,J,1/16W 1 R4099 ERJ3GEYJ241 M 240 OHM,J,1/16W 1 R4102 ERJ3GEYJ123 M 12KOHM,J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4109 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4110 ERJ3GEYDR00 M 0 OHM, 1/16W 1 R4111 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4115 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3GEY0R00 M 768 OHM, 1/16W 1 R4127 ERJ3GEY0R00	R4089	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4099 ERJ3GEYJ241 M 240 OHM, J, 1/16W 1 R4102 ERJ3GEYJ123 M 12KOHM, J, 1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM, J, 1/16W 1 R4107 ERJ3GEYJ102 M 1KOHM, J, 1/16W 1 R4109 ERJ3GEYJ151 M 150 OHM, J, 1/16W 1 R4110 ERJ3GEYDR00 M 0 OHM, 1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM, J, 1/16W 1 R4114 ERJ3GEYJ151 M 150 OHM, J, 1/16W 1 R4117 ERJ3GEYJ151 M 150 OHM, J, 1/16W 1 R4118 ERJ3GEYJ51 M 150 OHM, J, 1/16W 1 R4121 ERJ3GEYJ361 M 360 OHM, J, 1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM, J, 1/16W 1 R4124 ERJ3GEYJ561 M 560 OHM, J, 1/16W 1 R4125 ERJ3GEYJ680 M 768 OHM, 1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3GEYDR00 M 0 OHM, 1/16W 1 R4132	R4091	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4102 ERJ3GEYJ123 M 12KOHM,J,1/16W 1 R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4109 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4110 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4117 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ3GEYJ51 M 150 OHM,J,1/16W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3GEY0R00 M 768 OHM, 1/16W 1 R4127 ERJ3GEY0R00 M 768 OHM, 1/16W 1 R4132 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4133 ERJ3GEY0R00	R4093	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R4104 ERJ3GEYJ103 M 10KOHM,J,1/16W 1 R4107 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4109 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4110 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4117 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ6GEY0R00 M 0 OHM,J,1/16W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4122 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF3300 M 370 OHM, 1/16W 1 R4128 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4132 ERJ3GEY0R00 M 1KOHM,J/16W 1 R4133 ERJ3EKF300 <td>R4099</td> <td>ERJ3GEYJ241</td> <td>M 240 OHM,J,1/16W</td> <td>1</td> <td></td>	R4099	ERJ3GEYJ241	M 240 OHM,J,1/16W	1	
R4107 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4109 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4110 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4113 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4114 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4117 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ6GEY0R00 M 0 OHM,J,1/16W 1 R4118 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4121 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R41224 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R41225 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R41226 ERJ3EKF3300 M 330 OHM, 1/16W 1 R41227 ERJ3EKF7680 M 768 OHM, 1/16W 1 R41228 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4133 ERJ3EKF3601 <td>R4102</td> <td>ERJ3GEYJ123</td> <td>M 12KOHM,J,1/16W</td> <td>1</td> <td></td>	R4102	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R4109 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4110 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4117 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ6GEYOR00 M 0 OHM, 1/10W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J/16W 1 R4132 ERJ3GEYGR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF2R0 M 22 OHM, 1/16W 1 R4139 ERJ3EKF3601 M 470 OHM, 1/16W 2 R4140,41 ERJ3EKF3601 <td< td=""><td>R4104</td><td>ERJ3GEYJ103</td><td>M 10KOHM,J,1/16W</td><td>1</td><td></td></td<>	R4104	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4110 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4117 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ6GEYOR00 M 0 OHM, 1/10W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF2R0 M 22 OHM, 1/16W 1 R4139 ERJ3EKF3601 M 470 OHM, 1/16W 2 R4143,44 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4145 ERJ3EKF3601 <td< td=""><td>R4107</td><td>ERJ3GEYJ102</td><td>M 1KOHM,J,1/16W</td><td>1</td><td></td></td<>	R4107	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4113 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4114 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4117 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJGGEYOR00 M 0 OHM, 1/10W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF680 M 768 OHM, 1/16W 1 R4128 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4145 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4146,47 ERJ3EKF3301 <td< td=""><td>R4109</td><td>ERJ3GEYJ151</td><td>M 150 OHM,J,1/16W</td><td>1</td><td></td></td<>	R4109	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R4114 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4117 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ6GEY0R00 M 0 OHM, 1/10W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF680 M 768 OHM, 1/16W 1 R4128 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4145 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4145 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4148 ERJ3EKF3300	R4110	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4117 ERJ3GEYJ151 M 150 OHM,J,1/16W 1 R4118 ERJ6GEY0R00 M 0 OHM, 1/10W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4139 ERJ3GEY0R00 M 470 OHM, 1/16W 3 R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1	R4113	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R4118 ERJ6GEY0R00 M 0 OHM, 1/10W 1 R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4139 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4139 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.6KOHM, 1/16W 1 R4149 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4149 ERJ3GEYOR00 M 0 OHM, 1/16W 1	R4114	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4121 ERJ3GEYJ361 M 360 OHM,J,1/16W 1 R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF2R0 M 22 OHM, 1/16W 1 R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4148 ERJ3EKF3301 M 3.6KOHM, 1/16W 1 R4149 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4149 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4149 ERJ3GEYOR00 M 0 OHM, 1/16W 1	R4117	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R4123 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4124 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4134 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4149 ERJ3EKF3300 M 30 OHM, 1/16W 1	R4118	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4124 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF4700 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4146,47 ERJ3EKF3301 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4149 ERJ3GEYOR00 M 0 OHM, 1/16W 1	R4121	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R4125 ERJ3GEYJ561 M 560 OHM,J,1/16W 1 R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4134 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF400 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4149 ERJ3GEYOR00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4123	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R4126 ERJ3EKF3300 M 330 OHM, 1/16W 1 R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF400 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4124	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4127 ERJ3EKF7680 M 768 OHM, 1/16W 1 R4128 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF1000 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4125	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R4128 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3EKF3300 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4126	ERJ3EKF3300	M 330 OHM, 1/16W	1	
R4129 ERJ3GEYJ102 M 1KOHM,J,1/16W 1 R4132 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF4700 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 1 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4127	ERJ3EKF7680	M 768 OHM, 1/16W	1	
R4132 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF1000 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4128	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4133 ERJ3EKF22R0 M 22 OHM, 1/16W 1 R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF1000 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4129	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4136-38 ERJ3EKF4700 M 470 OHM, 1/16W 3 R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF1000 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4132	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF1000 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4133	ERJ3EKF22R0	M 22 OHM, 1/16W	1	
R4139 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4140,41 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF1000 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1				3	
R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF1000 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1	R4139	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4143,44 ERJ3EKF4700 M 470 OHM, 1/16W 2 R4145 ERJ3EKF1000 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1					
R4145 ERJ3EKF1000 M 100 OHM, 1/16W 1 R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1					
R4146,47 ERJ3EKF3601 M 3.6KOHM, 1/16W 2 R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1		 			
R4148 ERJ3EKF3301 M 3.3KOHM, 1/16W 1 R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1		 	,		
R4149 ERJ3GEY0R00 M 0 OHM, 1/16W 1 R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1					
R4150 ERJ3EKF3300 M 330 OHM, 1/16W 1					
K4151.52	R4151,52	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	
R4153 ERJ6GEYJ681 M 680 OHM,J,1/10W 1					
R4154 ERJ3EKF1331 M13.3KOHM, 1/16W 1					

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4155,56	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	ixemarks
R4157	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R4158-61	ERJ3GEYJ330	M 33 OHM,J,1/16W	4	
R4162	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R4163	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4164	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4165	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4166,67	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4168	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
		M 330 OHM, J,1/10W	1	
R4169	ERJ6GEYJ331	, ,		
R4170	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4171	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R4172	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4173	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R4174,75	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4177	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4179	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4180	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4181	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4182-87	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R4188,89	ERJ3EKF1401	M 1.4KOHM, 1/16W	2	
R4190,91	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4192-97	ERJ3EKF33R0	M 33 OHM, 1/16W	6	
R4198	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4199	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4200	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4201-03	ERJ3EKF1500	M 150 OHM, 1/16W	3	
R4204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4207	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4208-10	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4211	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R4212-14	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4215	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4216	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4217	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4218	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R4219-21	ERJ3EKF1500	M 150 OHM, 1/16W	3	
R4222	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4223,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4225	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4226	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R4227	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4228	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4229-31	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4232	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R4233	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4234	EXB38V560J	RESISTOR ARRAY	1	
R4235	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4236,37	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4238	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4239	EXB38V560J	RESISTOR ARRAY	1	
R4240-42	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	

Dof No	Dart No	Part Namo ⁹ Deceriation	Doo	Domorko
Ref. No.	Part No. ERJ3GEYJ560	Part Name & Description M 56 OHM,J,1/16W	Pcs 5	Remarks
R4244-46 R4249	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R4249 R4250	ERJ3GEYJ470		1	
		M 47 OHM,J,1/16W		
R4251	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R4252,53	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R4254,55	D1HG5608A002	NETWORK RESISTER	2	
R4256,57	EXB38V560J	RESISTOR ARRAY	2	
R4260	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4261,62	D1HG5608A002	NETWORK RESISTER	2	
R4263,64	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4265	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4266	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4267	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4268,69	EXB2HV680J	RESISTOR ARRAY	2	
R4270,71	EXB38V680J	RESISTOR ARRAY	2	
R4276	ERJ3GEYJ134	M 130KOHM,J,1/16W	1	ERJ3GEYJ134V
R4277	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4279	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4284	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4288	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4291	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4292	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4296	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4298	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4302	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R4305	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R4306	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R4307	ERJ3EKF7152	M71.5KOHM, 1/16W	1	
R4308	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4309	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4310,11	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R4313	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4314	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4316,17	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4318	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4320	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4321	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R4322	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R4323,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4325	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R4326	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4327	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4328,29	ERJ3EKF75R0	M 0.75HM, 1/16W	2	
R4330	ERJ3EKF6200	M 620 OHM, 1/16W	1	
R4331	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4332	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4333	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R4334	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
		<u> </u>	1	
R4336,37	ERJ3EKF75R0	M 0.75HM, 1/16W	2	
D 4220	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4338	ED INFINE	M 4EO OUM 4/4 OM	4	
R4341	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4338 R4341 R4342 R4343	ERJ3EKF1500 ERJ3EKF2701 ERJ3EKF2201	M 150 OHM, 1/16W M 2.7KOHM, 1/16W M 2.2KOHM, 1/16W	1 1 1	

Part No.	Part Name & Description	Pcs	Remarks
ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
ERJ3GEY0R00	M 0 OHM, 1/16W	1	
ERJ3GEYJ821	M 820 OHM,J,1/16W	1	
ERJ3GEYJ681	M 680 OHM,J,1/16W	1	
ERJ3EKF1000	M 100 OHM, 1/16W	1	
ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
ERJ3GEY0R00	M 0 OHM, 1/16W	1	
ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
ERJ3GEYJ680	M 68 OHM,J,1/16W	2	ERJ3GEYJ680V
EXB2HV680J	RESISTOR ARRAY	2	
ERJ3GEY0R00	M 0 OHM, 1/16W	1	
EXB2HV680J	RESISTOR ARRAY	1	
ERJ3GEY0R00	M 0 OHM, 1/16W	1	
ERJ3GEY0R00	M 0 OHM, 1/16W	1	
EXB2HV680J	RESISTOR ARRAY	4	
ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
EXB2HV680J	RESISTOR ARRAY	2	
ERJ3GEY0R00	M 0 OHM, 1/16W	2	
ERJ8GEY0R00	M 0 OHM, 1/8W	1	
ERJ3GEY0R00	M 0 OHM, 1/16W	1	
EXB2HV680J	RESISTOR ARRAY	1	
EXB2HV680J	RESISTOR ARRAY	2	
ERJ3GEY0R00	M 0 OHM, 1/16W	3	
EXB38V560J	RESISTOR ARRAY	4	
ERJ3GEY0R00	M 0 OHM, 1/16W	2	
ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
ERJ3GEYJ220		5	
ERJ3GEYJ101		3	D0GB101JA002
ERJ3GEY0R00		1	
ERJ3GEY0R00		4	
	,		
	,		
			ED I3GEV ICONV
			ERJ3GEYJ680V
EKJ3GETUKUU			
ED ISCEVISOR		4	I
ERJ3GEYJ223	M 22KOHM,J,1/16W		
ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
ERJ3GEYJ104 ERJ3GEYJ223	M 100KOHM,J,1/16W M 22KOHM,J,1/16W	1	
ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
	ERJ3GEYJ331 ERJ3GEYJ821 ERJ3GEYJ821 ERJ3GEYJ681 ERJ3GEYJ681 ERJ3GEYJ331 ERJ3GEYJ331 ERJ3GEYJ101 ERJ3GEYJ101 ERJ3GEYJ471 ERJ3GEYJ471 ERJ3GEYJ471 ERJ3GEYJ680 EXB2HV680J ERJ3GEY0R00 EXB2HV680J ERJ3GEY0R00 EXB2HV680J ERJ3GEY0R00 EXB2HV680J ERJ3GEY0R00 EXB2HV680J ERJ3GEY0R00 EXB2HV680J ERJ3GEY0R00 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ102 ERJ3GEYJ101 ERJ3GEYJ101	ERJ3GEYJ331 M 330 OHM, J,1/16W ERJ3GEY0R00 M 0 OHM, 1/16W ERJ3GEYJ821 M 820 OHM, J,1/16W ERJ3GEYJ831 M 680 OHM, J,1/16W ERJ3GEYJ681 M 680 OHM, J,1/16W ERJ3GEYJ331 M 330 OHM, J,1/16W ERJ3GEYJ331 M 330 OHM, J,1/16W ERJ3GEYJ101 M 100 OHM, J,1/16W ERJ3GEYJ471 M 470 OHM, J,1/16W ERJ3GEYJ471 M 470 OHM, J,1/16W ERJ3GEYJ220 M 22 OHM, J,1/16W ERJ3GEYJ680 M 68 OHM, J,1/16W EXB2HV680J RESISTOR ARRAY ERJ3GEY0R00 M 0 OHM, 1/16W EXB3W560J RESISTOR ARRAY ERJ3GEY0R00 M 0 OHM, 1/16W ERJ3GEYJ101 M 100 OHM, J/16W ERJ3GEYJ102 M 1KOHM,J,1/16W ERJ3GEYJ103 M 15KOHM,J,1/16W ERJ3GEYJ103 M 15KOHM,J,1/16W ERJ3GEYJ103 M 15KOHM,J,1/16W ERJ3GEYJ331 M 330 OHM,J,1/16W ERJ3GEYJ331 M 330 OHM,J,1/16W ERJ3GEYJ331 M 330 OHM,J,1/16W ERJ3GEYJ333 M 33KOHM,J,1/16W ERJ3GEYJ680 M 68 OHM,J,1/16W	ERJ3GEYJ331 M 330 OHM, J,1/16W 1 ERJ3GEYOR00 M 0 OHM, 1/16W 1 ERJ3GEYJ821 M 820 OHM, J,1/16W 1 ERJ3GEYJ681 M 680 OHM, J,1/16W 1 ERJ3GEYJ681 M 680 OHM, J,1/16W 1 ERJ3GEYJ331 M 330 OHM, J,1/16W 1 ERJ3GEYJ331 M 330 OHM, J,1/16W 1 ERJ3GEYJ101 M 100 OHM, J,1/16W 1 ERJ3GEYJ101 M 100 OHM, J,1/16W 1 ERJ3GEYJ471 M 470 OHM, J,1/16W 1 ERJ3GEYJ471 M 470 OHM, J,1/16W 1 ERJ3GEYJ220 M 22 OHM, J,1/16W 2 ERJ3GEYJ680 M 68 OHM, J,1/16W 1 ERJ3GEYOR00 M 0 OHM, 1/16W 1 EXB2HV680J RESISTOR ARRAY 4 ERJ3GEYJ680 M 68 OHM, J,1/16W 1 EXB2HV680J RESISTOR ARRAY 2 ERJ3GEYOR00 M 0 OHM, 1/16W 1 EXB2HV680J RESISTOR ARRAY 2 ERJ3GEYOR00 M 0 OHM, 1/16W 1 ERJ3GEYOR00 M 0 OHM, 1/16W 3 ERJ3GEYOR00 M 0 OHM, 1/16W 3 ERJ3GEYOR00 M 0 OHM, 1/16W 3 ERJ3GEYJ101 M 100 OHM, J,1/16W 1 ERJ3GEYJ102 M 1KOHM, J,1/16W 1 ERJ3GEYJ103 M 15KOHM, J,1/16W 1 ERJ3GEYJ153 M 15KOHM, J,1/16W 1 ERJ3GEYJ331 M 330 OHM, J,1/16W 1 ERJ3GEYJ333 M 33KOHM, J,1/16W 1 ERJ3GEYJ333 M 33KOHM, J,1/16W 1 ERJ3GEYJ563 M 56KOHM, J,1/16W 1 ERJ3GEYJ563 M 68 OHM, J,1/16W 1 ERJ3GEYJ560 M 0 OHM, 1/10W 1

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4585	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4586	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4590	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4599,00	VLF1144A152T	CHIP INDUCTOR	2	J0JBC0000028
R4601	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4603	VLF1144A152T	CHIP INDUCTOR	1	J0JBC0000028
R4605	VLF1144A152T	CHIP INDUCTOR	1	J0JBC0000028
R4607,08	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4609-11	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R5001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5004	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5007	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5008	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5009-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R5013	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5014,15	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R5017	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5018	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5019	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R5020	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R5021	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5022	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R5023	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R5024,25	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R5026	ERJ3EKF3900	M 390 0HM, 1/16W	1	
R5029	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5030	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5031	ERJ6ENF1240	M 1240HM, 1/10W	1	
R5032	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5035	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R5036	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R5038	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R5040	EXB38V330J	RESISTOR ARRAY	1	
R5041-43	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R5041-43	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
		M 22KOHM.J.1/16W		
R5049	ERJ3GEYJ223	,,,,	1	
R5053-55	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R5062-64	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R5066-68	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R5069	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R5070	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R5071	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R5072	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R5073	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R5074	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R5075	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R5077,78	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R5082-84	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R5085-87	ERJ3GEYJ561	M 560 OHM,J,1/16W	3	
R5088-90	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R5091	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R5092-94	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R5099	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5102,03	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5107	ERJ3GEYF333	M 33KOHM, 1/16W	1	Remarks
R5109	ERJ3GEYF333	M 33KOHM, 1/16W	1	
R5110	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R5111,12	ERJ3GEYF223	M 22KOHM, 1/16W	2	
R5113	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R5114,15	ERJ3GEYJ393	M 39KOHM,J,1/16W	2	
R5114,13	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R5118	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB1013A002
R5124	ERJ3GEY0R00		1	DOGBTOTJAOUZ
	+	M 0 OHM, 1/16W M 0 OHM, 1/16W	1	
R5127	ERJ3GEY0R00	· · · · · · · · · · · · · · · · · · ·		
R5129	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5132	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5138	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5139,40	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R5141	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5142	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5143,44	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R5145,46	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R5147,48	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R5155	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R5161	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R5163	ERJ6ENF2431	M2.43KOHM, 1/10W	1	D1BD2431A027
R5172	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5173	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5176	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5177	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R5188-95	ERJ3GEYJ2R7	M 2.7HM,J,1/16W	8	
R5196	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6502,03	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R6505	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R6506	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6509-24	TAJAAH0470JV	M 47 OHM,J,1/16W	16	D0GB470JA006
R6527-30	ERJ3GEYJ223	M 22KOHM,J,1/16W	4	
R6531-49	TAJAAH0470JV	M 47 OHM,J,1/16W	19	D0GB470JA006
R6550,51	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	DOCETTOOAGGG
R6552-57	ERJ3GEYJ101	M 100 OHM,J,1/16W	6	D0GB101JA002
R6558-61	ERJ3GEYJ223	M 22KOHM,J,1/16W	4	2002 1010A002
R6562	ERJ3GEYJ0R00	M 0 OHM, 1/16W M 100 OHM,J,1/16W	2	D0GR101 IA002
R6564,65	ERJ3GEYJ101		1	D0GB101JA002
R6567	ERJ3GEYJ102	M 1KOHM, J, 1/16W		
R6568	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6570	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6573	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R6575	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R6576-79	ERJ1TYJ100	M 100HM, J, 1W	4	
R6587-89	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6593	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6594	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R6596,97	ERJ3GEYJ0R00	M 0 OHM, 1/16W	2	
R6598	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R6599-02	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R6607	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6609	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6612	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Part No. ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103	Part Name & Description M 10KOHM,J,1/16W	Pcs 1 1 2 2 1 1 2	Remarks
ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103	M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W	1 2 2 1	
ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103	M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W	2 2 1	
ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ472	M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W	2 1 1	
ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ472	M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W	1	
ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ472	M 10KOHM,J,1/16W M 10KOHM,J,1/16W M 10KOHM,J,1/16W	1	
ERJ3GEYJ103 ERJ3GEYJ103 ERJ3GEYJ472	M 10KOHM,J,1/16W M 10KOHM,J,1/16W		
ERJ3GEYJ103 ERJ3GEYJ472	M 10KOHM,J,1/16W	2	1
ERJ3GEYJ472			
	M 4.7KOHM.J.1/16W	2	
RJ3GEYJ103	, ,	1	
	M 10KOHM,J,1/16W	2	
ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
RJ3GEYJ103	M 10KOHM,J,1/16W	2	
RJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
RJ3GEYJ223	M 22KOHM,J,1/16W	1	
ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
RJ3GEYJ103	M 10KOHM,J,1/16W	1	
RJ3GEYJ103	M 10KOHM,J,1/16W	1	
RJ3GEYJ102	M 1KOHM,J,1/16W	1	
RJ3GEYJ103	M 10KOHM,J,1/16W	4	
RJ3GEYJ220	M 22 OHM,J,1/16W	40	
RJ3GEYJ0R00	M 0 OHM, 1/16W	11	
ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	
ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
RJ3GEYJ0R00	M 0 OHM, 1/16W	2	
RJ3GEYJ0R00	M 0 OHM, 1/16W	2	
RJ3GEYJ0R00	M 0 OHM, 1/16W	2	
RJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
ERJ3GEYJ0R00		2	
ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	
ΓΑJAAH0470JV	M 47 OHM,J,1/16W	20	D0GB470JA006
	M 10KOHM,J,1/16W	2	
RJ3GEYJ101		4	D0GB101JA002
		7	D0GB101JA002
			+
			D0GB101JA002
			_ 302.0101002
			+
			+
			D0GB101JA002
	, ,		DUGB TO TUROUZ
	·		
	·		-
ERJ3GEYJ0R00	·		
			1
ERJ3GEYJ221 ERJ3GEYJ241	M 220 OHM,J,1/16W M 240 OHM,J,1/16W	1	
	RJ3GEYJ472 RJ3GEYJ103 RJ3GEYJ102 RJ3GEYJ102 RJ3GEYJ102 RJ3GEYJ101 RJ3GEYJ0R00 RJ3GEYJ0R00 RJ3GEYJ0R00 RJ3GEYJ0R00 RJ3GEYJ101 RJ3GEYJ0R00 RJ3GEYJ101 RJ3GEYJ0R00 RJ3GEYJ101 RJ3GEYJ102 RJ3GEYJ101 RJ3GEYJ101 RJ3GEYJ101 RJ3GEYJ101 RJ3GEYJ102 RJ3GEYJ101	RJ3GEYJ223 M 22KOHM,J,1/16W RJ3GEYJ103 M 10KOHM,J,1/16W RJ3GEYJ100 M 22 OHM,J,1/16W RJ3GEYJ220 M 22 OHM,J,1/16W RJ3GEYJ221 M 220 OHM,J,1/16W RJ3GEYJ0R00 M 0 OHM, 1/16W RJ3GEYJ101 M 100 OHM,J,1/16W RJ3GEYJ0R00 M 0 OHM, 1/16W RJ3GEYJ101 M 100 OHM,J,1/16W	RJ3GEYJ472 M 4.7KOHM,J,1/16W 1 RJ3GEYJ223 M 22KOHM,J,1/16W 1 RJ3GEYJ103 M 10KOHM,J,1/16W 1 RJ3GEYJ104 M 10KOHM,J,1/16W 1 RJ3GEYJ105 M 10KOHM,J,1/16W 1 RJ3GEYJ107 M 10KOHM,J,1/16W 1 RJ3GEYJ220 M 22 OHM,J,1/16W 1 RJ3GEYJ221 M 220 OHM,J,1/16W 1 RJ3GEYJ221 M 220 OHM,J,1/16W 1 RJ3GEYJ0R00 M 0 OHM, 1/16W 2 RJ3GEYJ101 M 100 OHM,J,1/16W 1 RJ3GEYJ101 M 100 OHM,J,1/16W 1 RJ3GEYJ101 M 100 OHM,J,1/16W 2 RJ3GEYJ101 M 100 OHM,J,1/16W 1 RJ3GEYJ101 M 100 OHM,J,1/16W 5 RJ3GEYJ101 M 100 OHM,J,1/16W 5 RJ3GEYJ101 M 100 OHM,J,1/16W 5 RJ3GEYJ101 M 100 OHM,J,1/16W 1

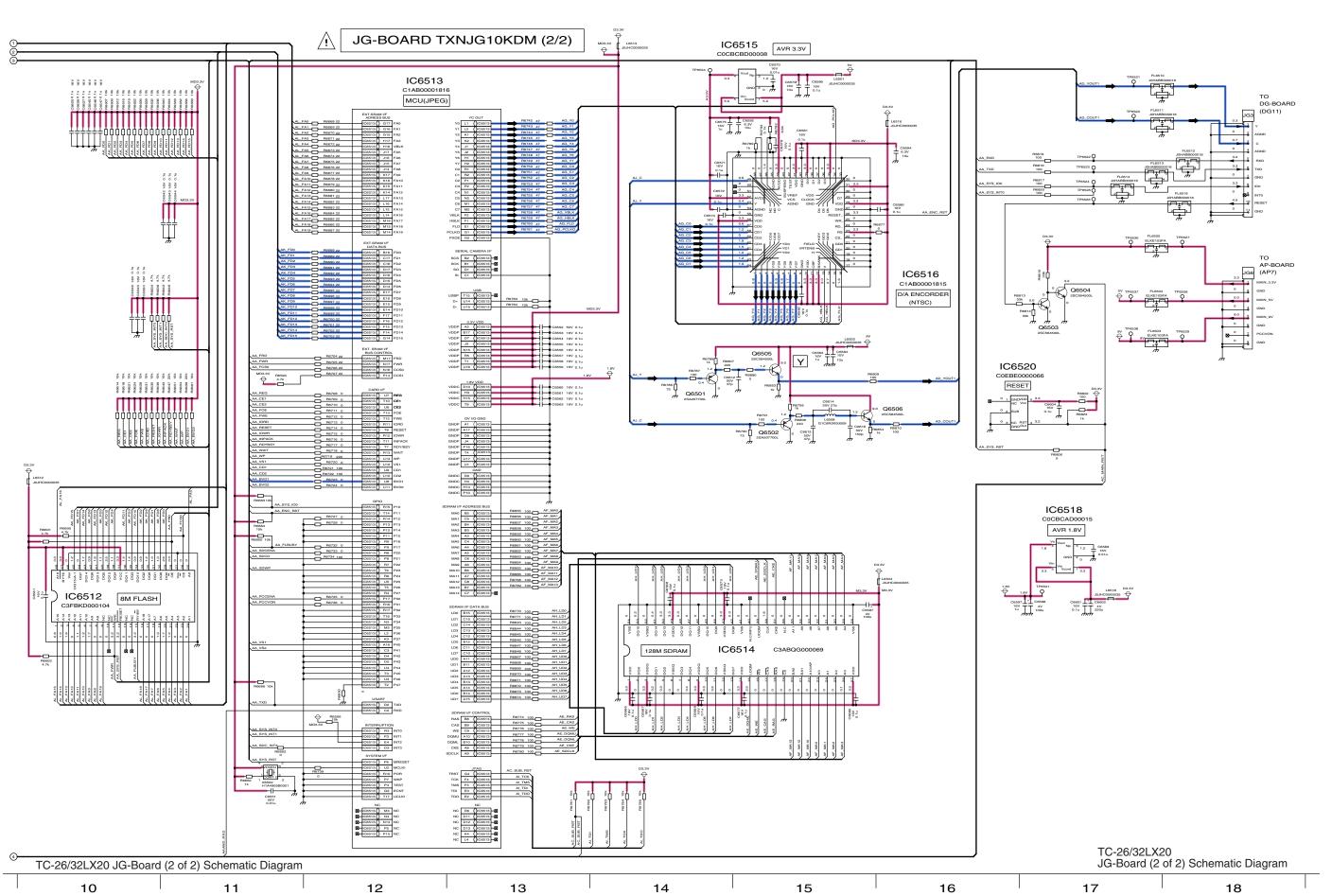
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6813-15	ERJ3GEYJ333	M 33KOHM,J,1/16W	3	Komarko
R6816,17	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R6819	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R6822	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R6823	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R6833	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R6834	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6835-41	ERJ3GEYJ103	M 10KOHM,J,1/16W	7	
R6843-48	ERJ3GEYJ101	M 100 OHM,J,1/16W	6	D0GB101JA002
R6850	ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	
R6853,54	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R6855-74	ERJ3GEYJ101	M 100 OHM,J,1/16W	20	D0GB101JA002
R6875,76	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R6877	ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	
R6880	ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	
R6884	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R6885,86	TAJAAH0470JV	M 47 OHM,J,1/16W	2	D0GB470JA006
R6887	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R6889	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7000	ERC12ZGK105	S 1MOHM, K,1/2W	1	⚠
R7075	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R7099	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R7100-03	ERJ8GEYJ334	M 330KOHM, J,1/8W	4	
R7104,05	ERX1FJS3R3D	M 3.2 OHM, J, 1W	2	
R7106,07	ERX1FJSR22D	M0.22 OHM, J, 1W	2	
R7108,09	ERJ6GEYJ681	M 680 OHM,J,1/10W	2	
R7110	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R7111,12	ERDS2TJ332	C 3.3KOHM, J,1/4W	2	
R7113	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7114	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R7115	ERDS2TJ470	C 47 OHM, J,1/4W	1	
R7116	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R7117	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7118	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R7119	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7120	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R7121	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R7122	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R7123	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7124	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R7126,27	ERG1SJ223	M 22KOHM, J, 1W	2	
R7128	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7129	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7130	ERG1SJ100P	M 10 OHM, J, 1W	1	
R7131,32	ERDS2TJ224	C 220KOHM, J,1/4W	2	
R7133	ERDS2TC0	C 0 OHM, 1/4W	1	
R7134	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R7135	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7136	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R7137	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R7138	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R7139	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R7140	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R7141	ERJ6GEY0R00	M 0 OHM, 1/10W	1	

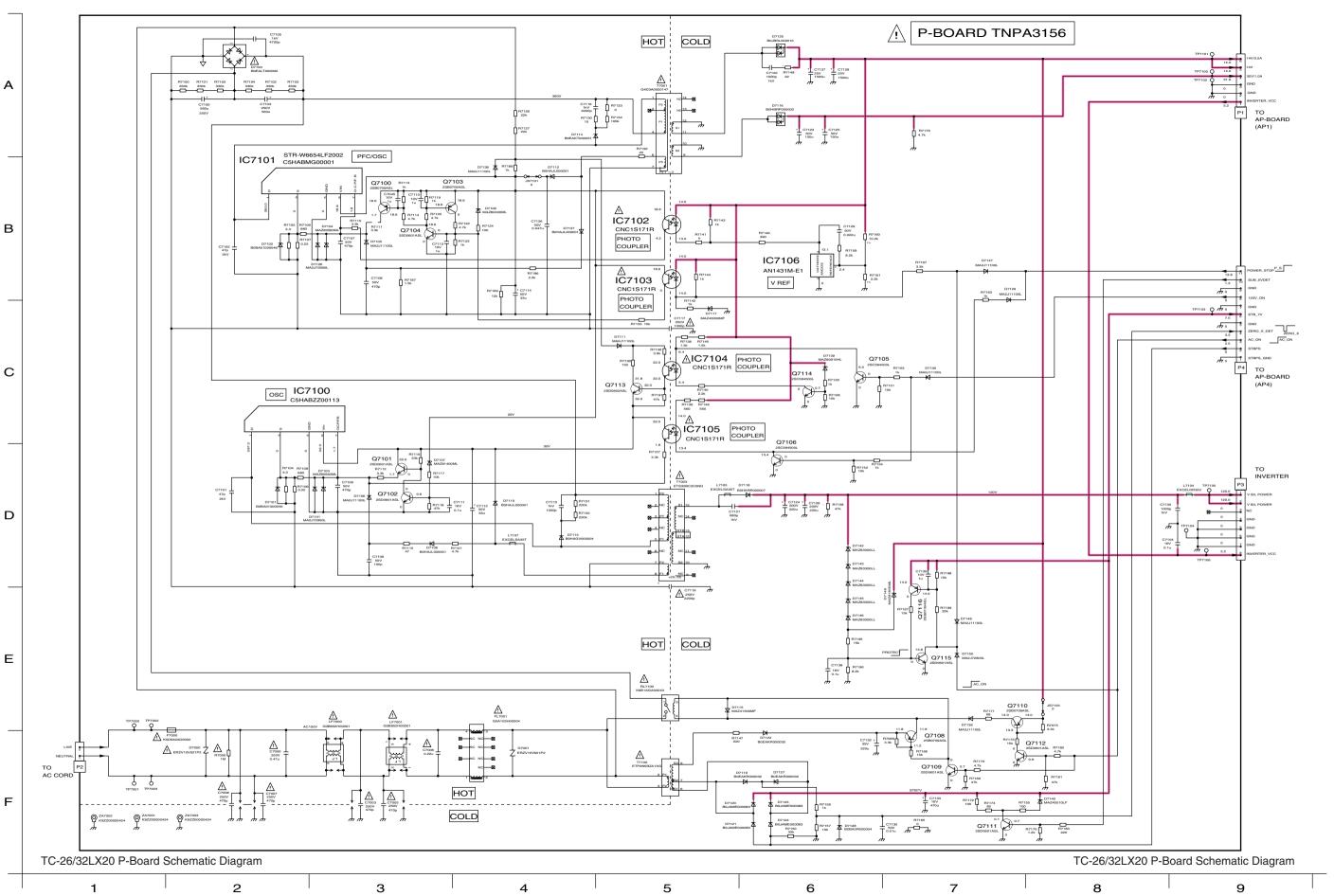
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
RTL	TNPA3156	CIRCUIT BOARD P	1	_ ▲
RTL	TNPA3155	CIRCUIT BOARD AP	1	Δ
RTL	TXNDG10KDM	CIRCUIT BOARD DG	1	TC-32LX20 🗥
RTL	TXNDG10KFM	CIRCUIT BOARD DG	1	TC-26LX20 🗥
RTL	TXNJG10KDM	CIRCUIT BOARD JG	1	<u>A</u>
RTL	TNPA3157	CIRCUIT BOARD K	1	<u> </u>
RTL	TNPA3158	CIRCUIT BOARD V	1	<u> </u>
RTL	TXNDV10KDM	CIRCUIT BOARD DV	1	Δ
SW1000	K0F162B00002	SWITCH	1	
SW1050-54	EVQ11G05R	SWITCH	5	
T7001	G4D3A0000147	SWITCHING TRANSFORMER	1	<u> </u>
T7003	ETS35BC2C6ND	SWITCHING TRANSFORMER	1	<u> </u>
T7100	ETP28KBZA1XG	TRANS	1	Δ
TU3801	ENG36A16GF	TUNER	1	Δ
V3	TJS3A8810	15P CONNECTOR	1	K1KA15A00041
X1101	H0J400400017	CRYSTAL	1	
X4001	H0J202500011	CRYSTAL	1	
X6502	H1A4905B0001	CRYSTAL	1	
74000	K47704000404	FARTULUO	1	
ZA800	K4ZZ01000121	EARTH LUG		
ZA802,03	K4ZZ01000121	EARTH LUG EARTH LUG	2	
ZA3001,02 ZA3102-04	K4ZZ01000121	EARTH LUG	3	
ZA3102-04 ZA3105,06	K4CD0100002	TERMINAL	2	
ZA4001-05	K4CD01000002	TERMINAL	5	
ZA4001-03 ZA4011-29	TESA169	SHIELD CLIP	19	
ZA5001,02	K4CD01000002	TERMINAL	2	
ZA5101-05	TESA169	SHIELD CLIP	5	
ZA6501-21	K4ZZ01000179	TERMINAL	21	
ZA7001-03	K4ZZ01000121	EARTH LUG	3	

13. Schematic Diagram for printing with A4

14. Cover for printing with A4





10 Block and Schematic Diagrams

10.1. Schematic Diagram Notes

	Components identified by \triangle mark have special characteristics important for safety. When replacing any of these components, use only manufacture's specified parts.							
lote	es:							
1.	Resistor							
	All resistors are cabon 1/4W resistor, unless marked as follows:							
	Unit of resistance is OHM $[\Omega]$ (K=1,000, M=1,000,000).							
	0	: Nonflammable		: Metal Oxide				
	\wedge	: Solid	<u></u>	: Metal Film				
	$\overline{\Box}$: Wire Wound	$\stackrel{-}{\otimes}$: Fuse :				
2.	Capacito	r						
	All capacitors are ceramic 50V capacitor, unless marked as follows:							
	Unit of ca	Unit of capacitance is μF, unless otherwise noted.						
	\otimes	: Temperature Compensation	- #-	: Electrolytic				
	M	: Polyester	NP H	: Bipolar				
	\bigcirc	: Metalized Polyester	① ②	: Dipped Tantalum				
	\boxtimes	: Polypropylene	\bigcirc	: Z-Type				
3.								
Unit of inductance is μF , unless otherwise noted.								
4.	Test Poin							
		: Test Point position						
5.	,							
	H	: Chassis Earth (Cold)	\downarrow	: Line Earth (Hot)				
6.								
		s measured by a DC voltmeter.						
	Condition	is of the measurement are the following	•					
		Power Source	•					
	Receiving Signal Colour Bar signal (RF)							
_	All customer's controls							
7.		n red circle indicates waveform nember	r.					
_	(See waveform pattern table.) When arrow mark (✗) is found, connection is easily found from the direction of arrow							
8.	when arr	ow mark (🥕) is found, connection is e	asııy tour	na from the direction of arrow				
0	Indicates	the major signal flow	,	\udia>				
		the major signal flow. : Video ⇒ ematic diagram is the latest at the time of		Audio ⇒				
10	. 11113 30116	mano diagram is the latest at the time t	or bririnii	, and subject to change withou				

Important Safety Notice

TC-26/32LX20 Schematic Diagram Notes

notice.

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.

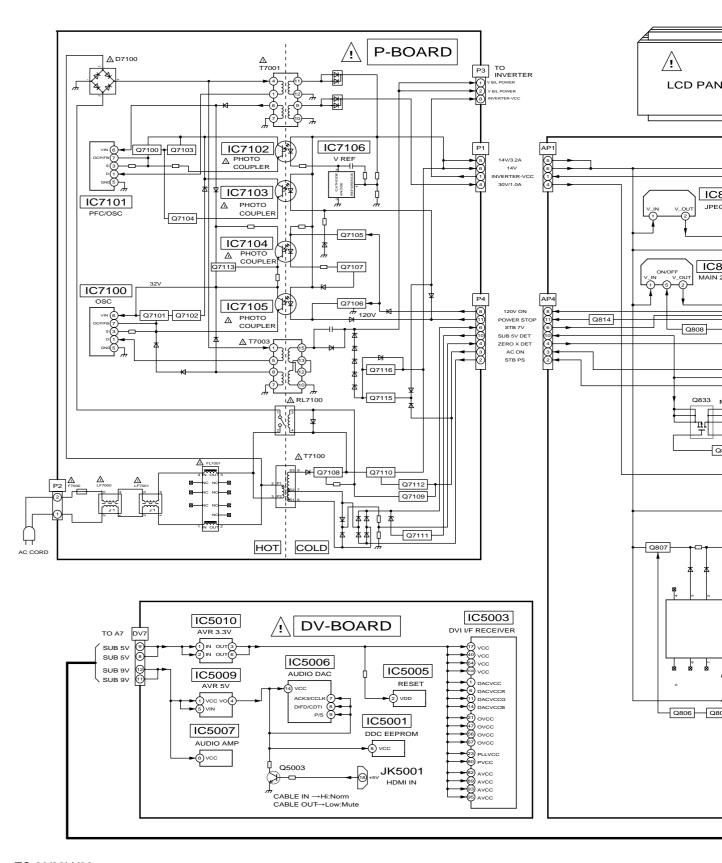
All circuits, except the Power Circuit, are cold.

Precautions

- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
- b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
 Connect the earth of instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.
- 2. Following diodes are interchangeable.

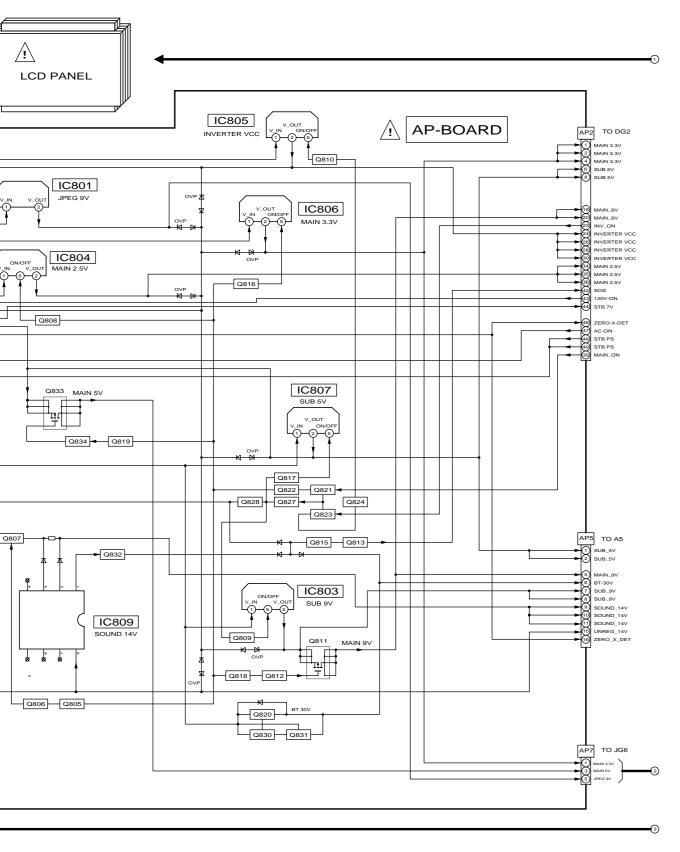
MA150- MA162 (Replacement part)

10.2. Power Block Diagram



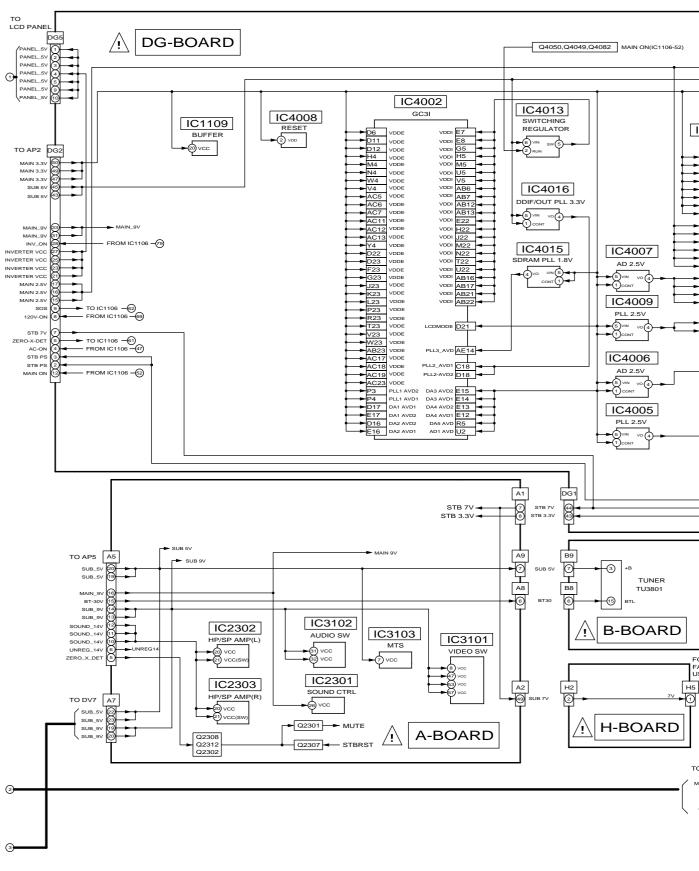
TC-26/32LX20 Power Block Diagram





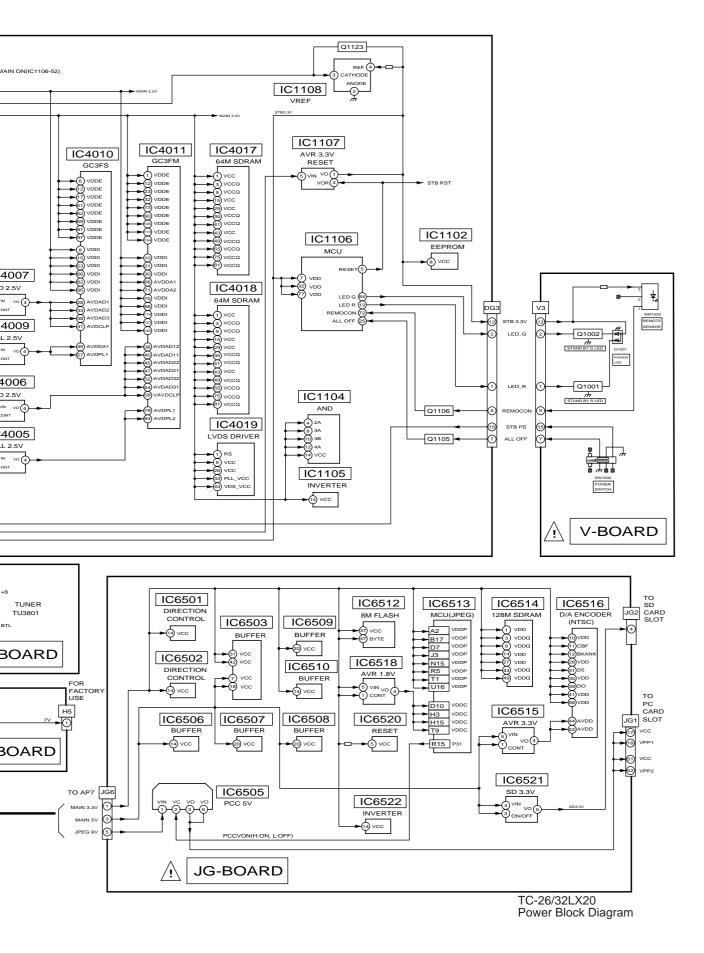
TC-26/32LX20 Power Block Diagram



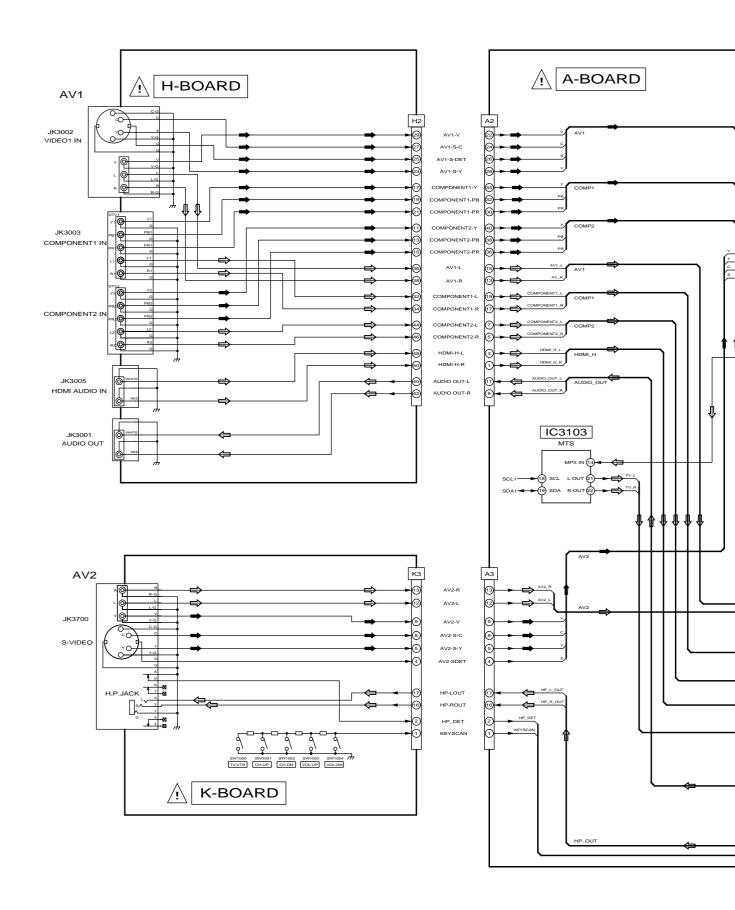


TC-26/32LX20 Power Block Diagram



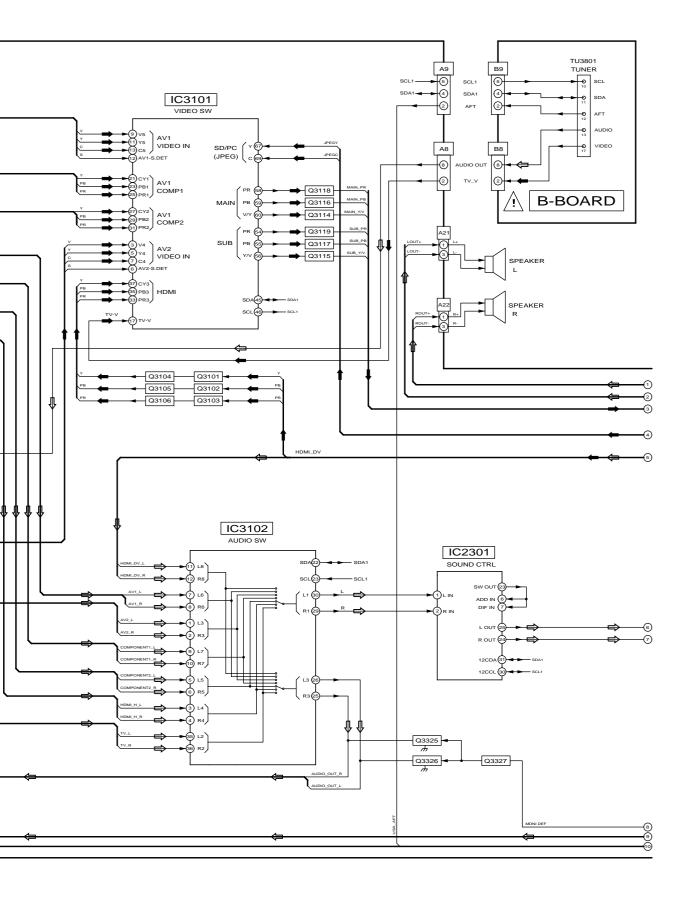


10.3. Signal Block Diagram

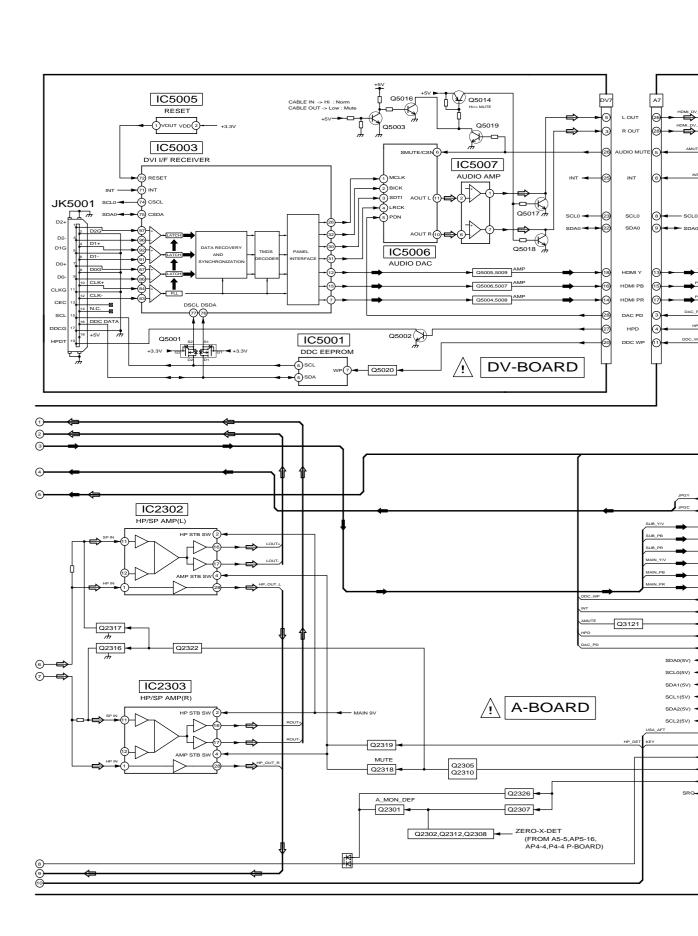


TC-26/32LX20 Signal Block Diagram



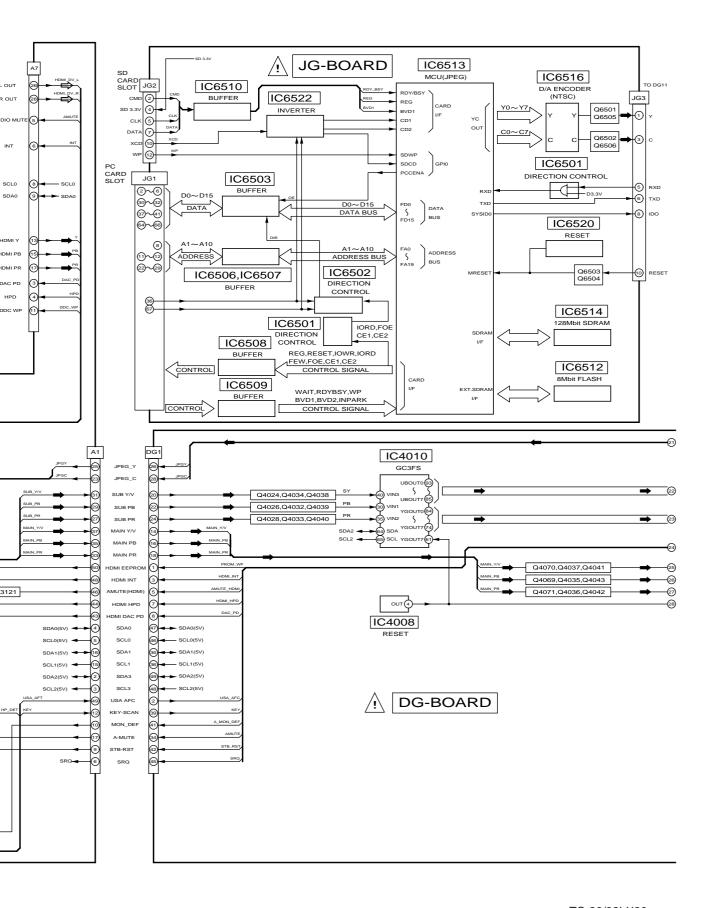


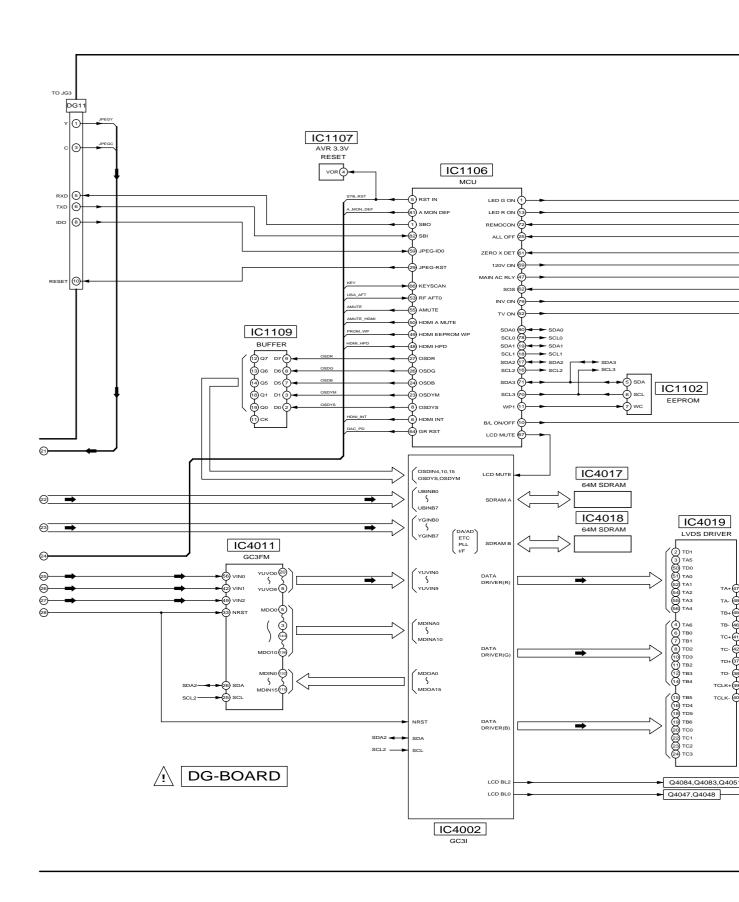
TC-26/32LX20 Signal Block Diagram



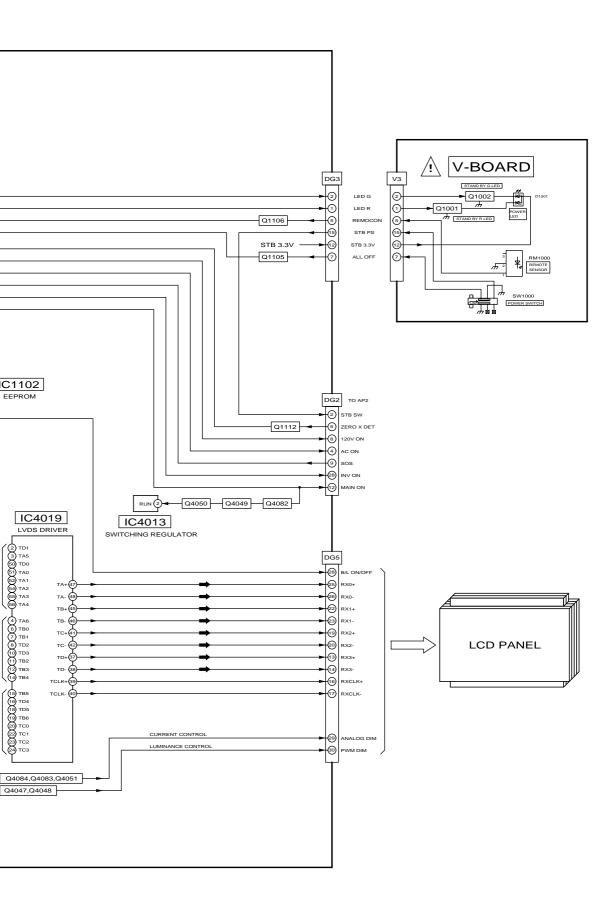
TC-26/32LX20 Signal Block Diagram





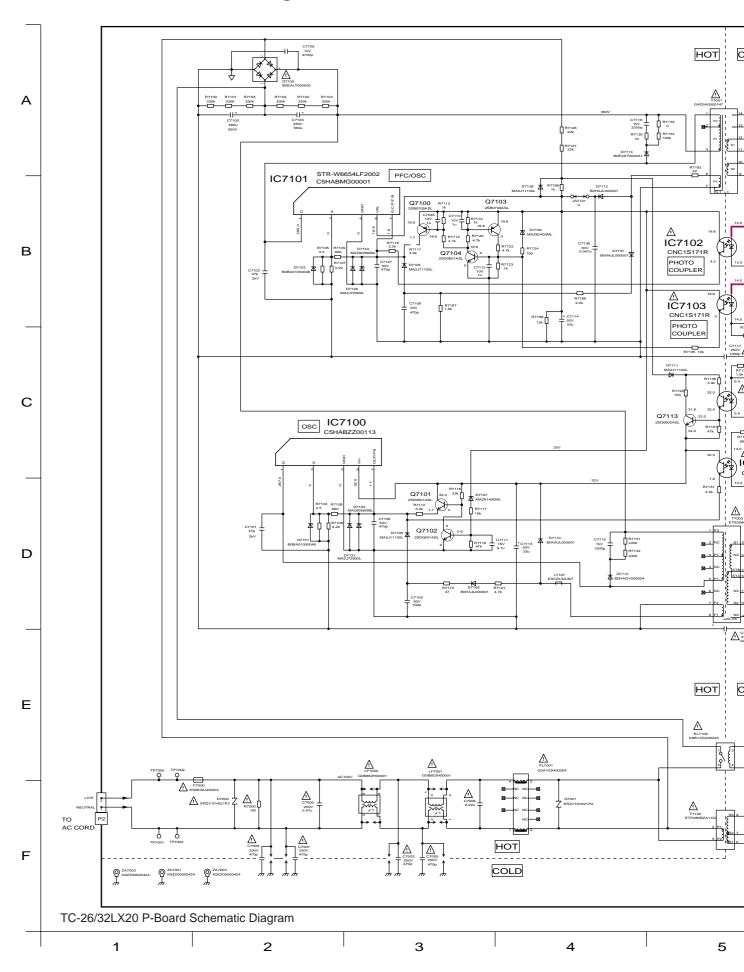


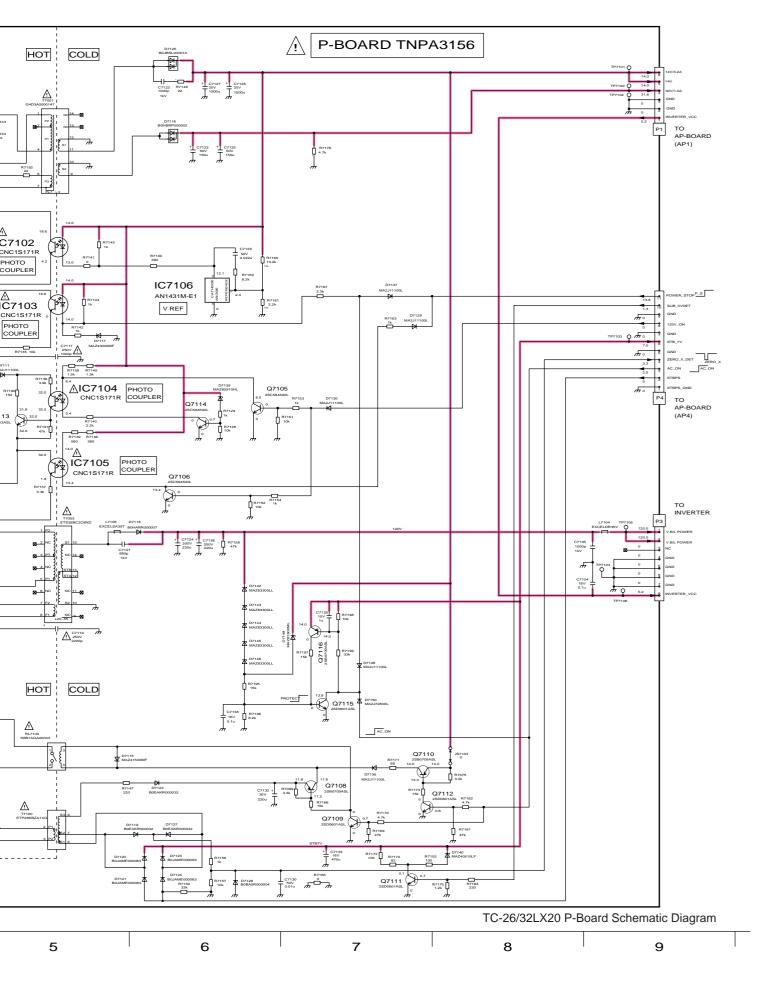




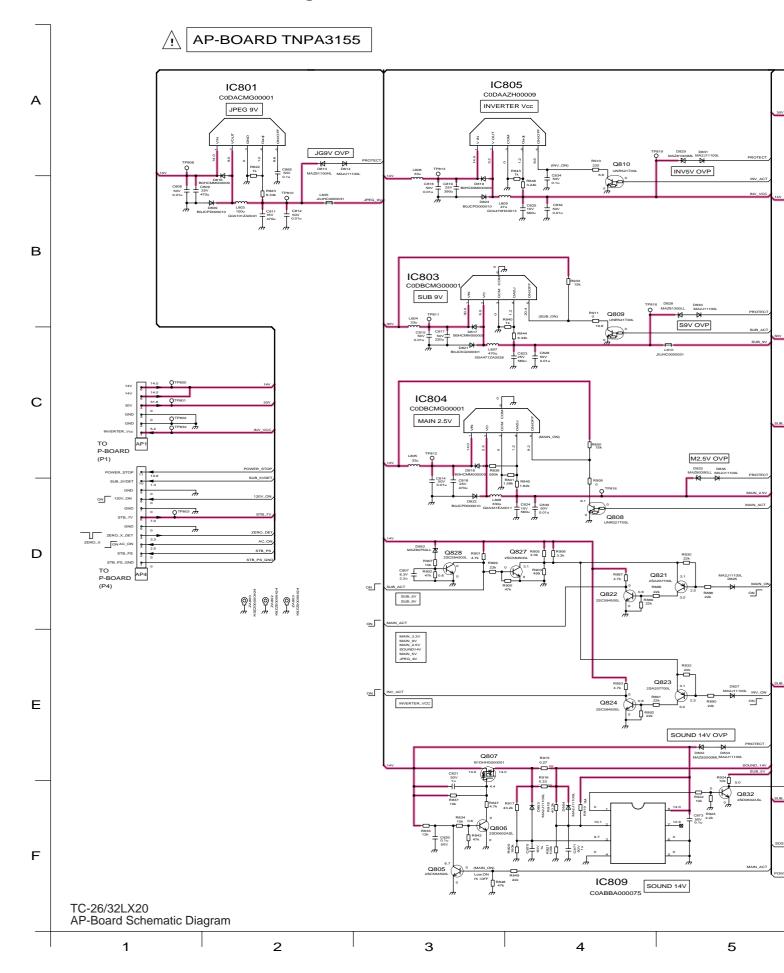
TC-26/32LX20 Signal Block Diagram

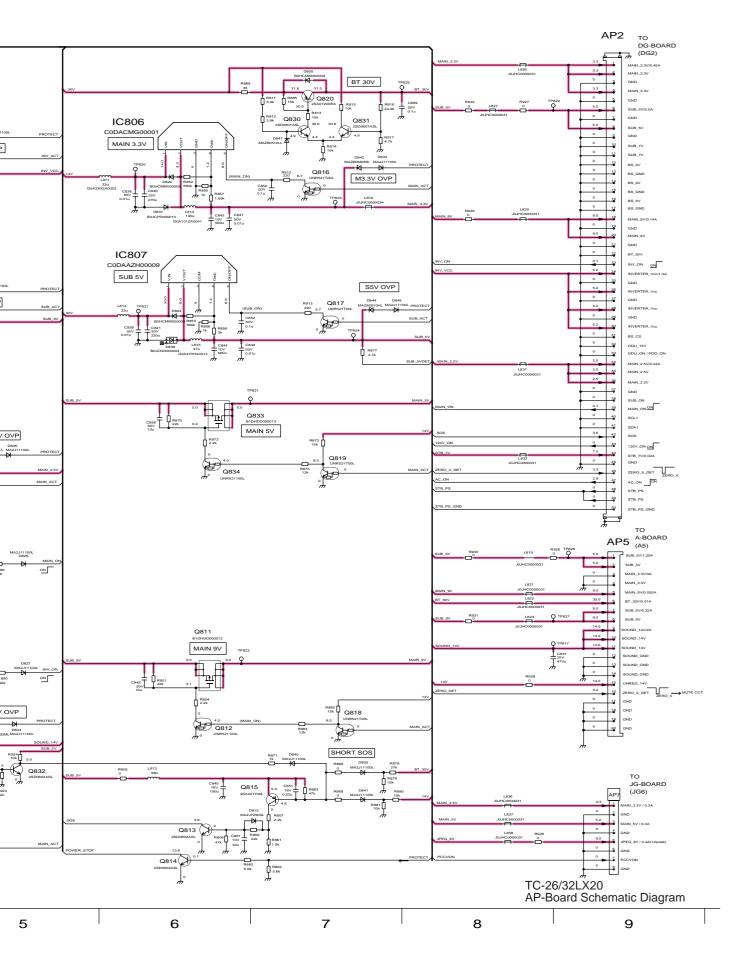
10.4. P-Board Schematic Diagram



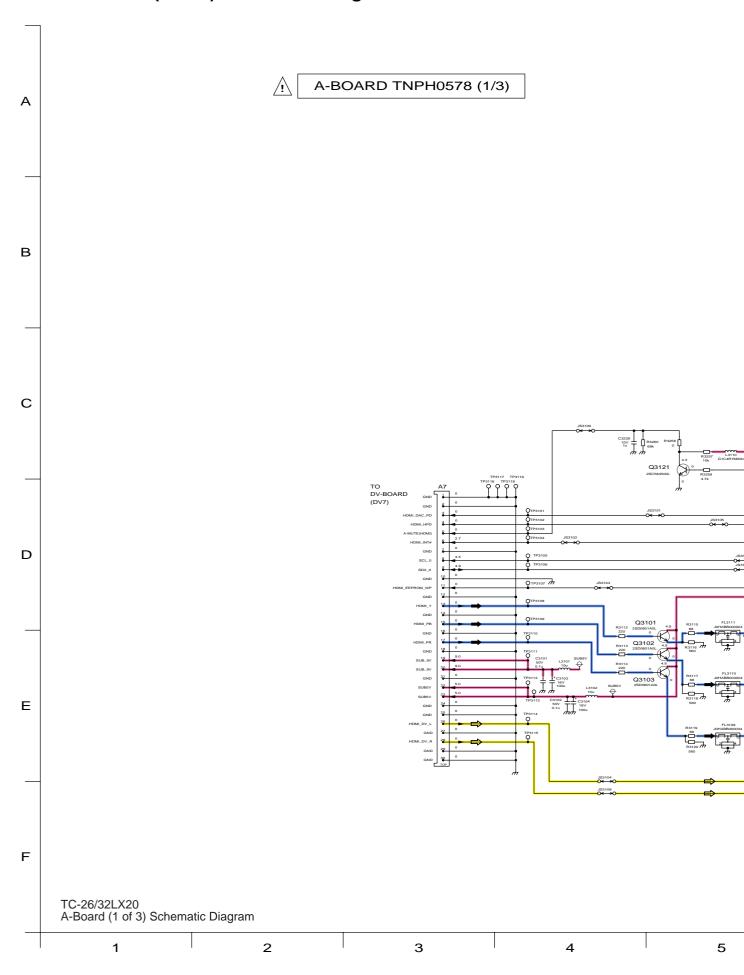


10.5. AP-Board Schematic Diagram

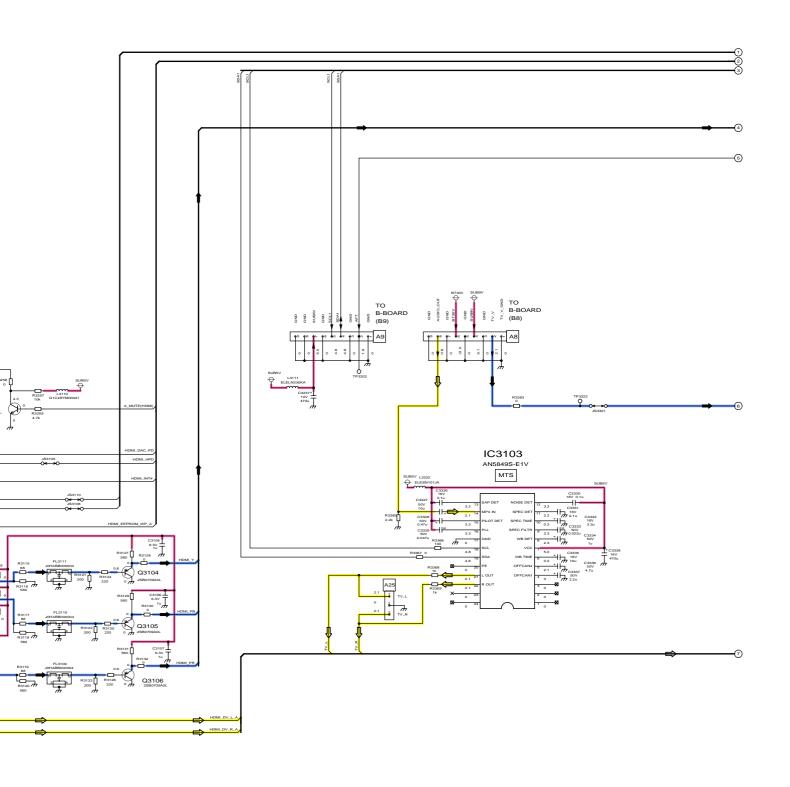




10.6. A-Board (1 of 3) Schematic Diagram

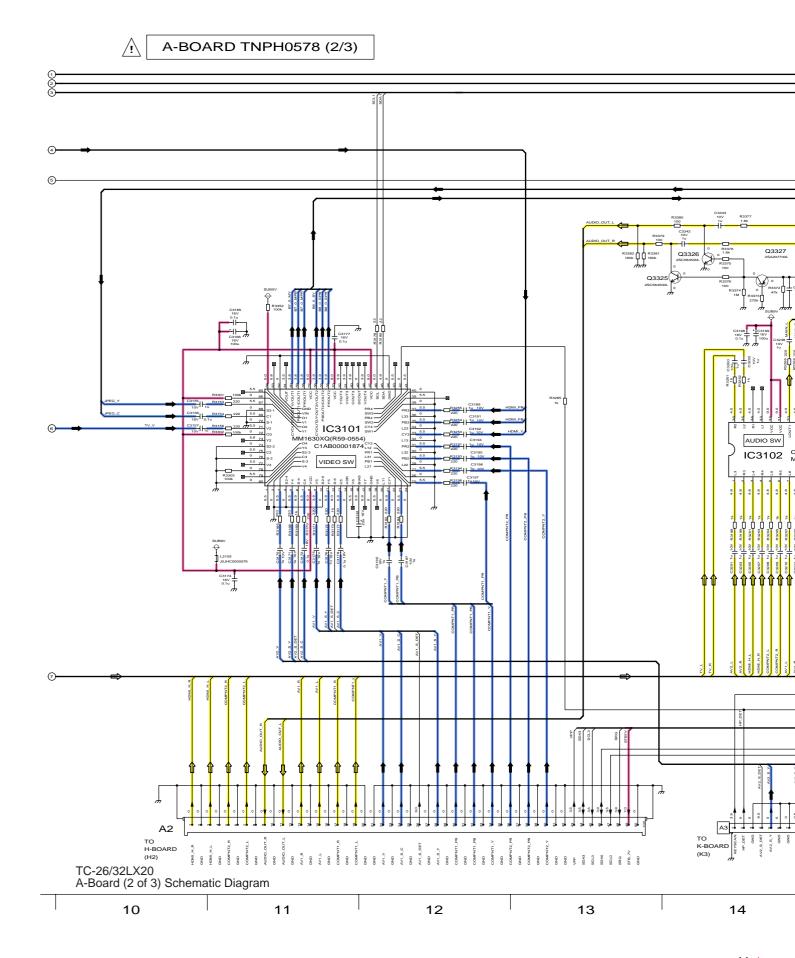




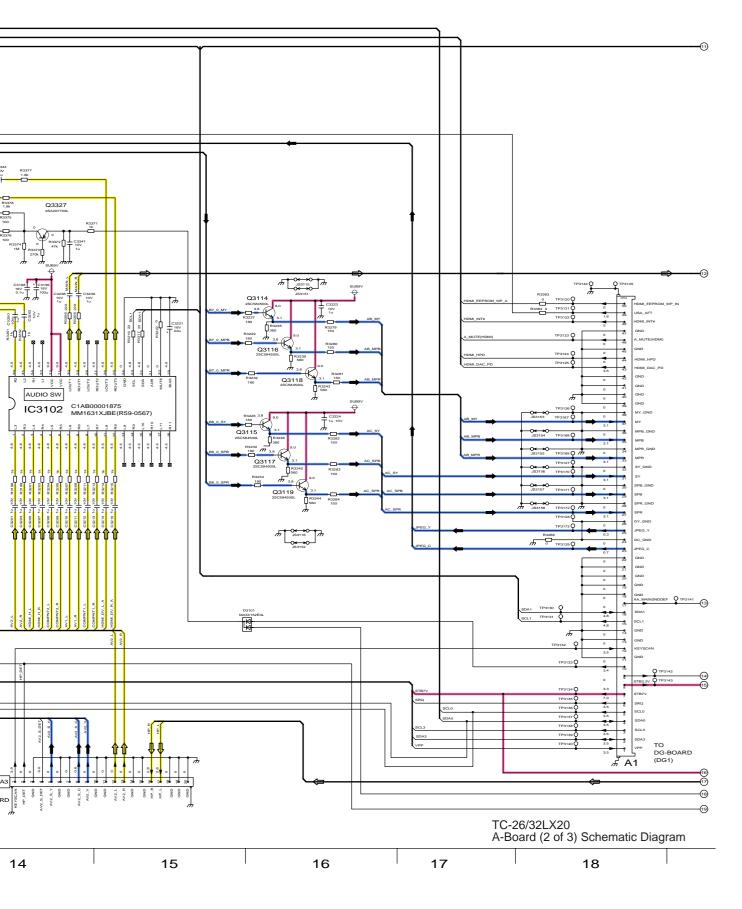


	TC-26/32LX20 A-Board (1 of 3) Schematic Diagram					
5	6	7	8	9	П	

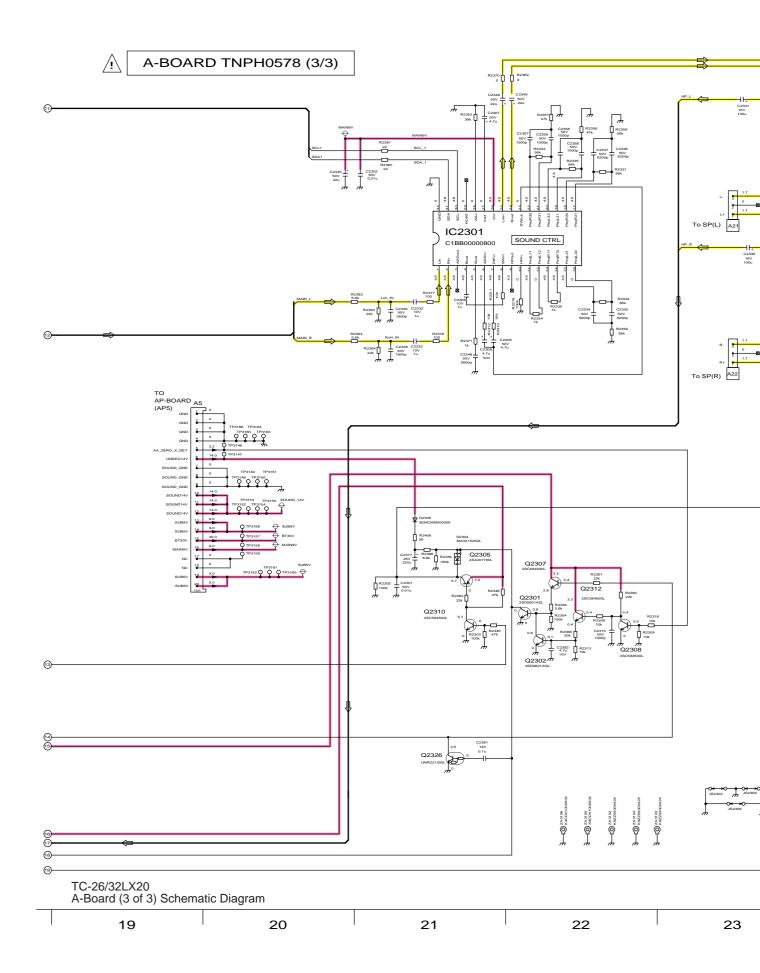
10.7. A-Board (2 of 3) Schematic Diagram



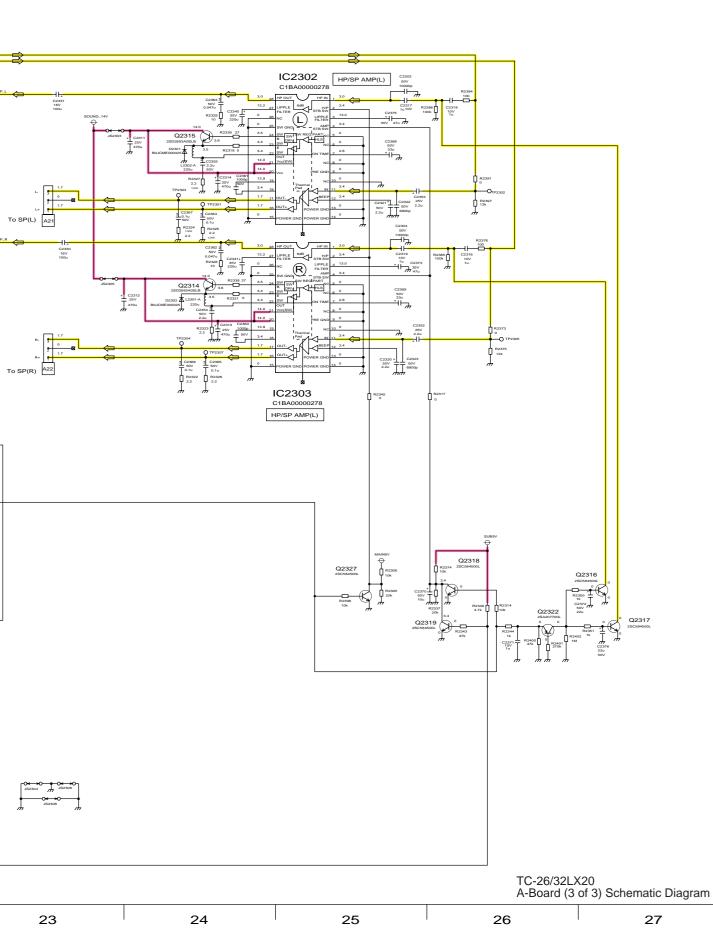




10.8. A-Board (3 of 3) Schematic Diagram

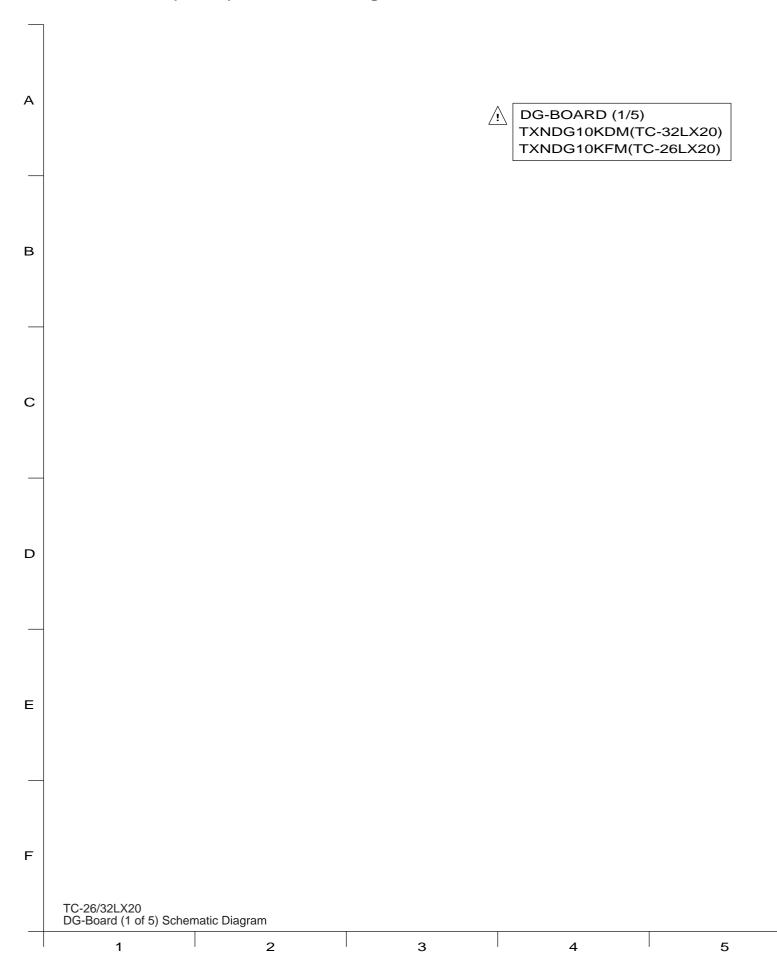




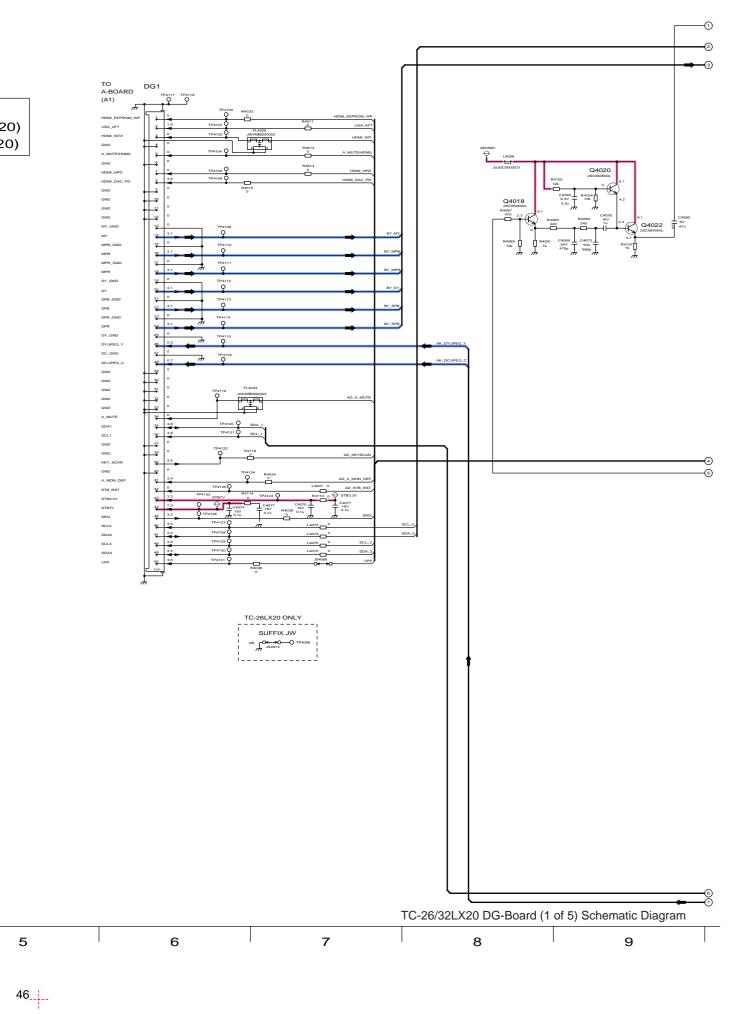


___45

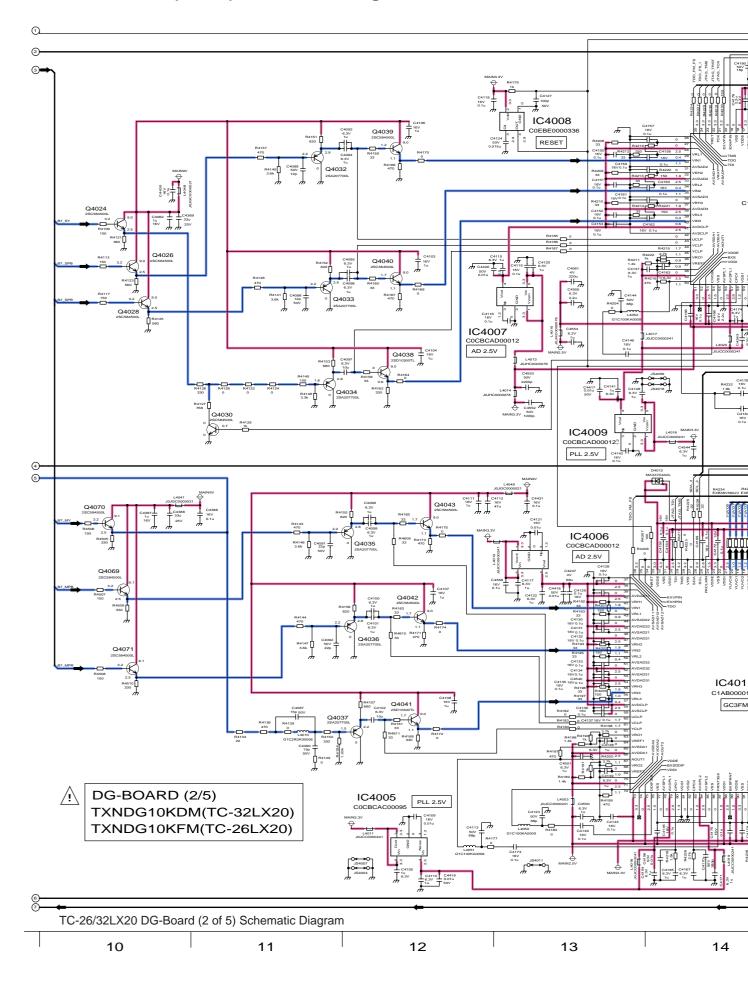
10.9. DG-Board (1 of 5) Schematic Diagram



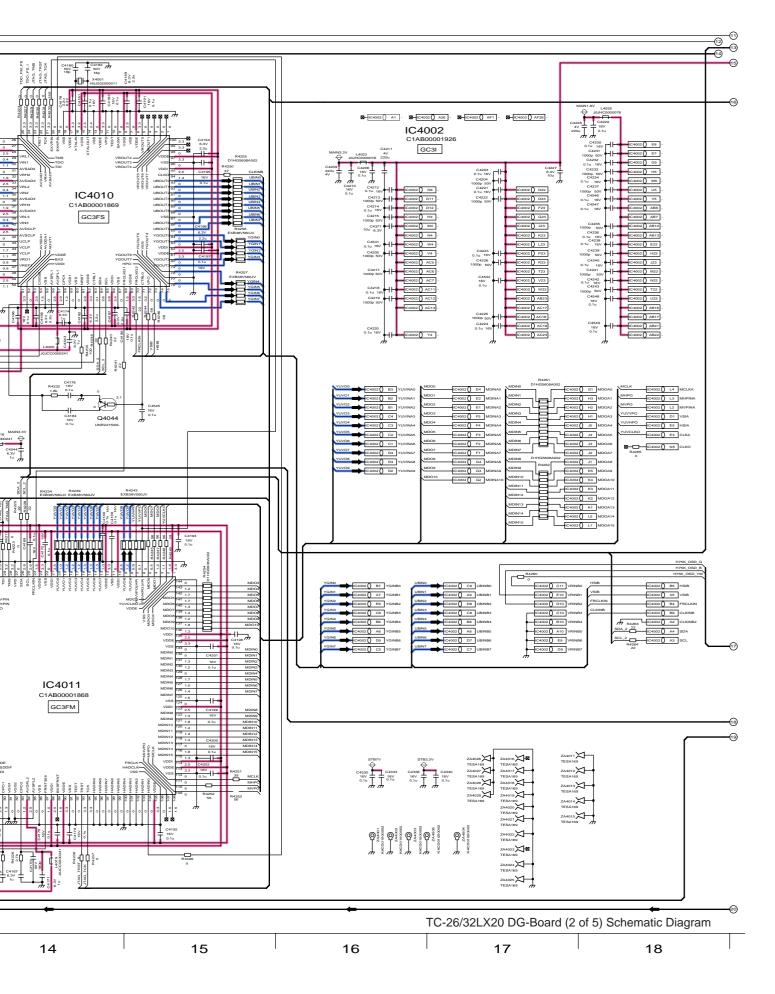




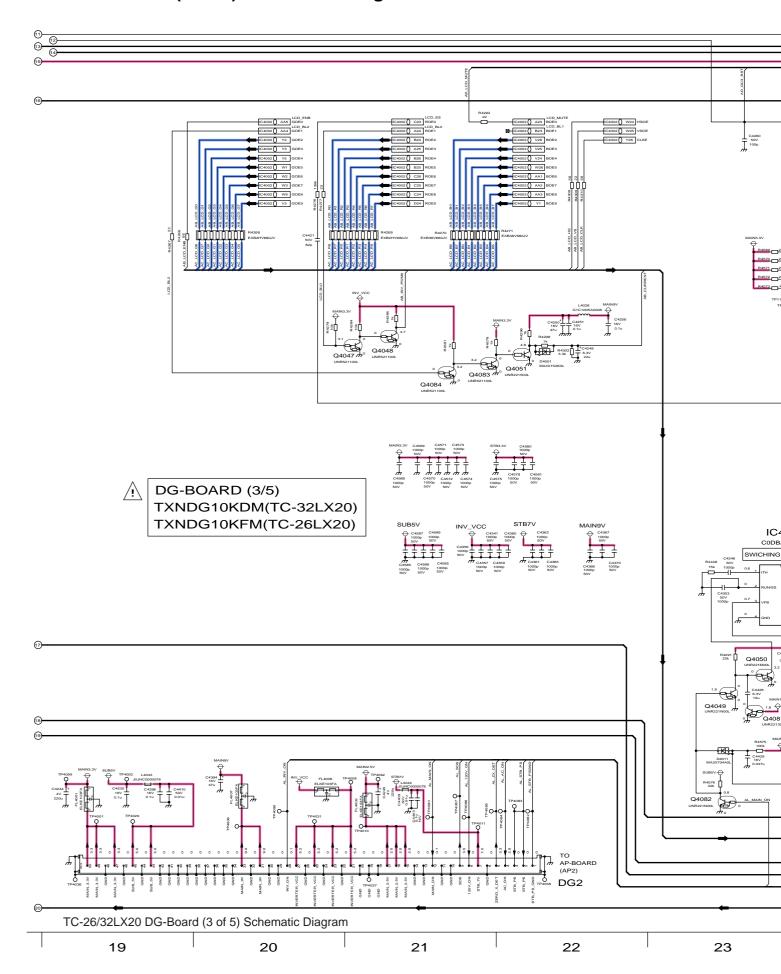
10.10. DG-Board (2 of 5) Schematic Diagram

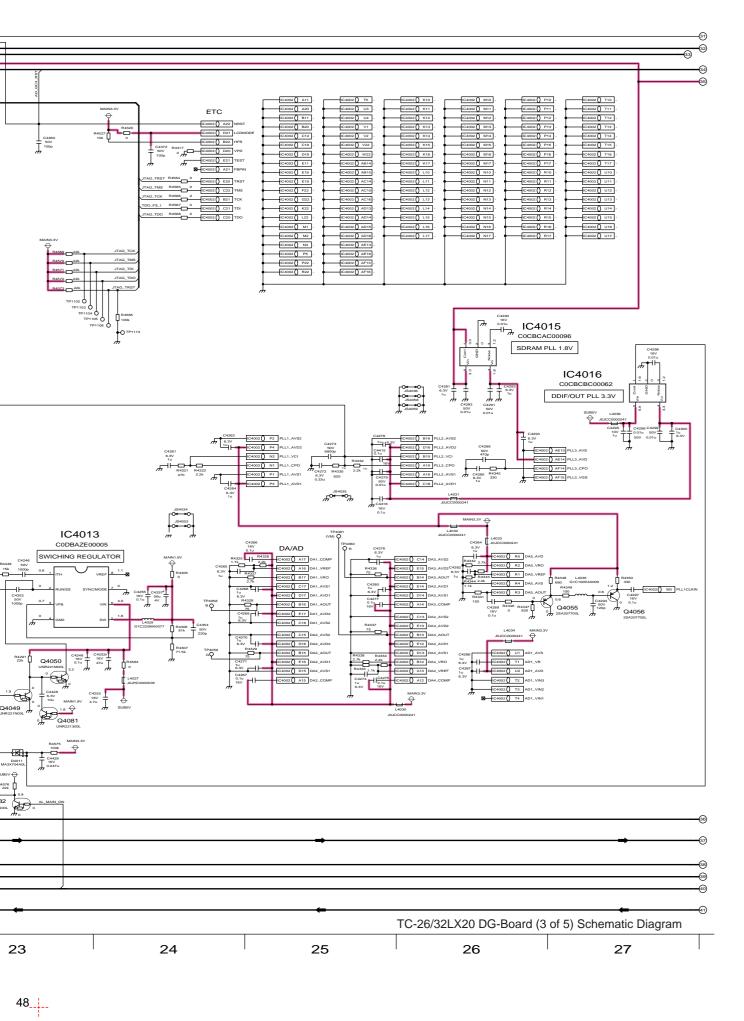




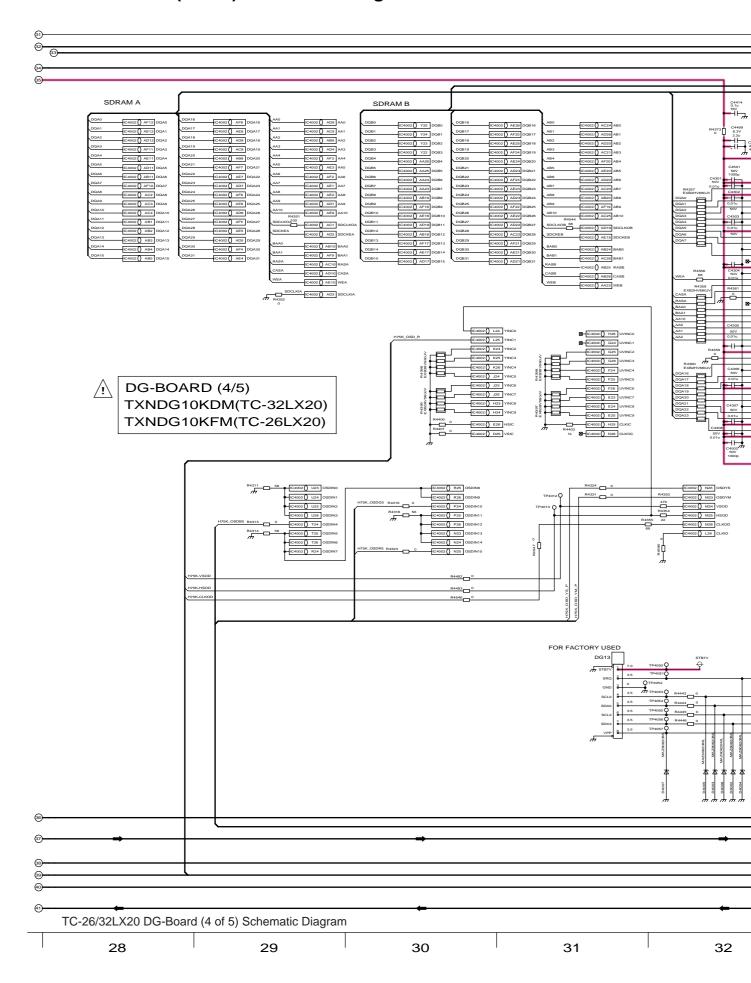


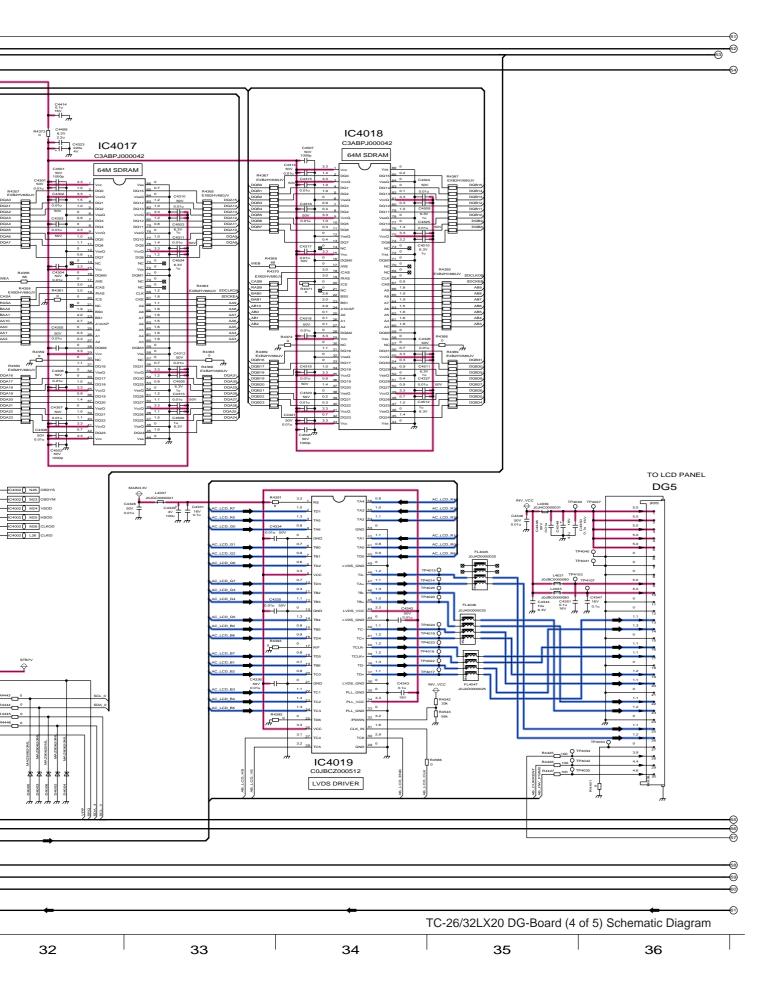
10.11. DG-Board (3 of 5) Schematic Diagram



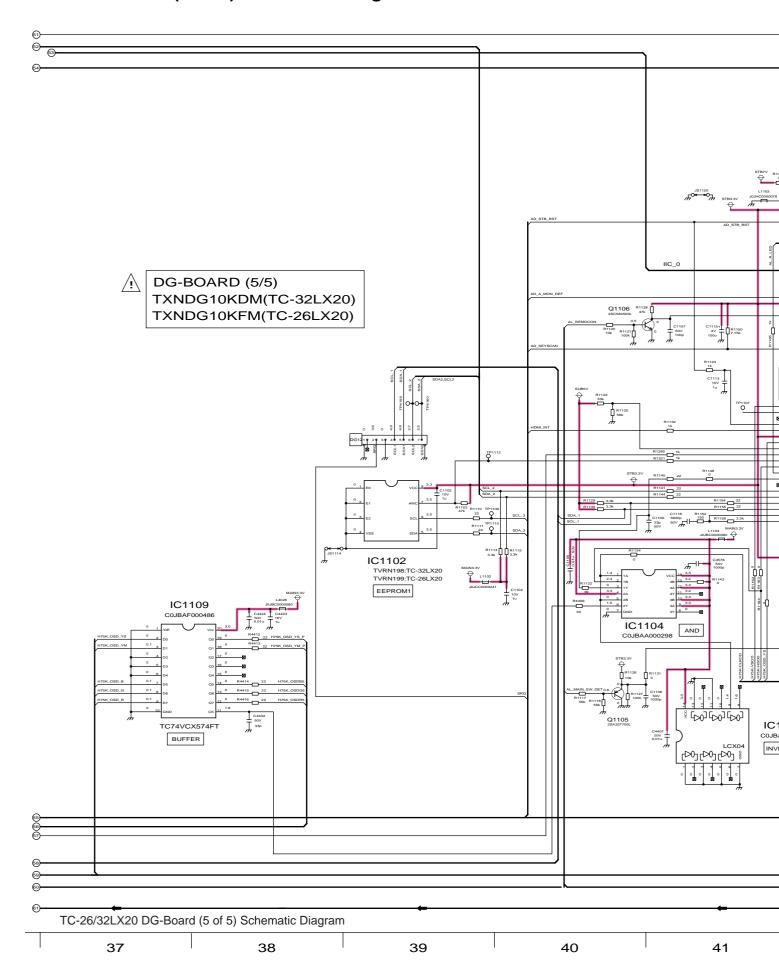


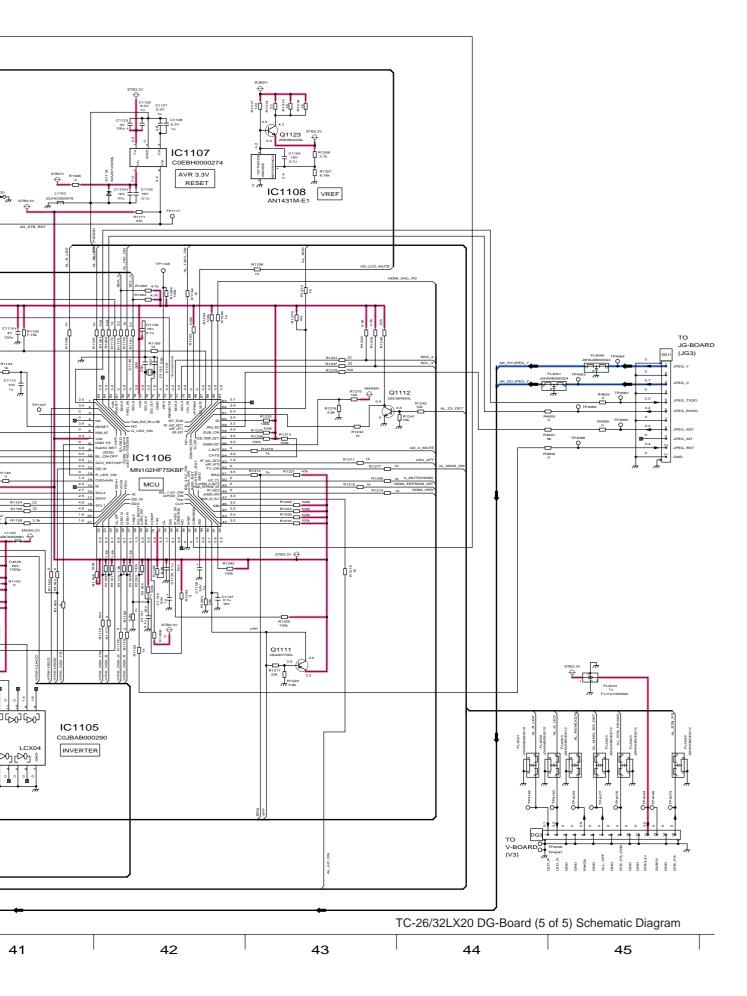
10.12. DG-Board (4 of 5) Schematic Diagram



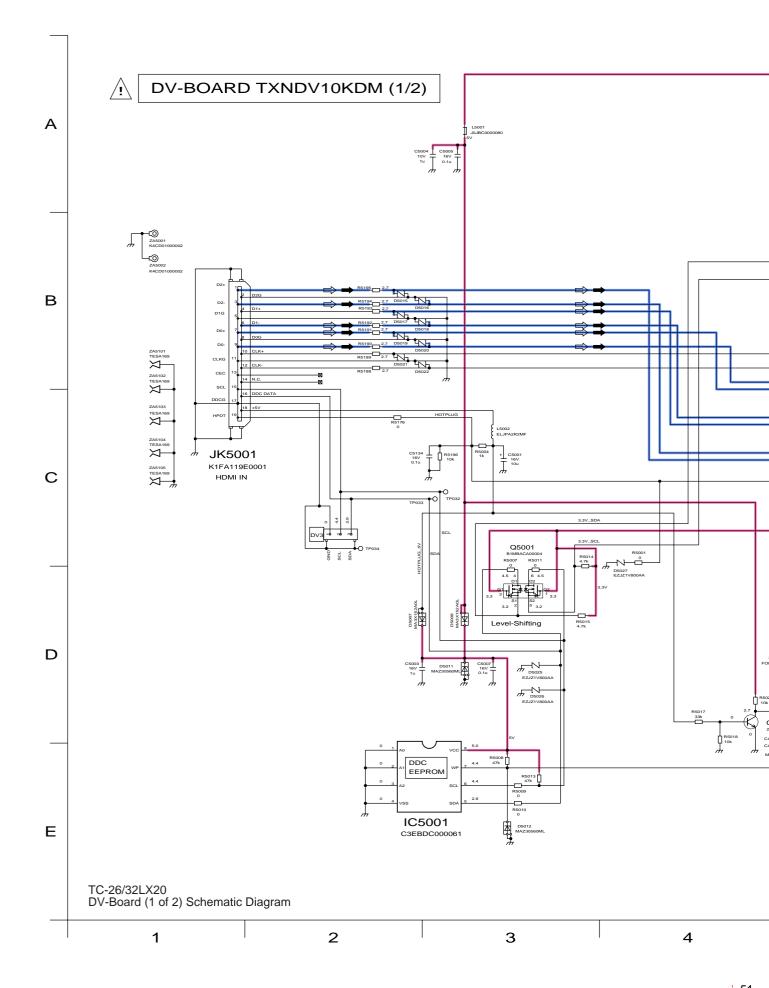


10.13. DG-Board (5 of 5) Schematic Diagram

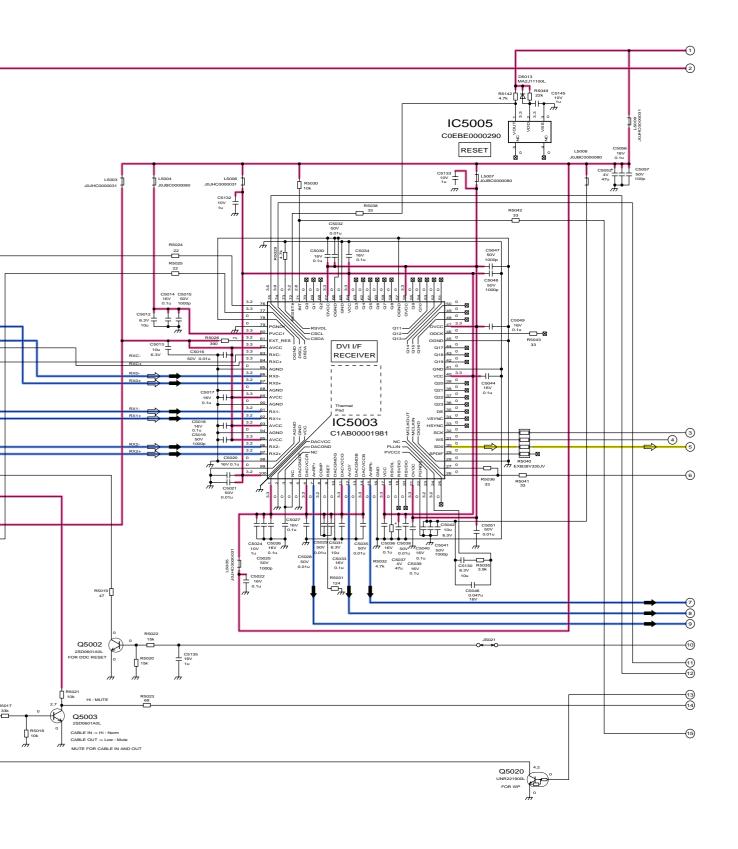




10.14. DV-Board (1 of 2) Schematic Diagram

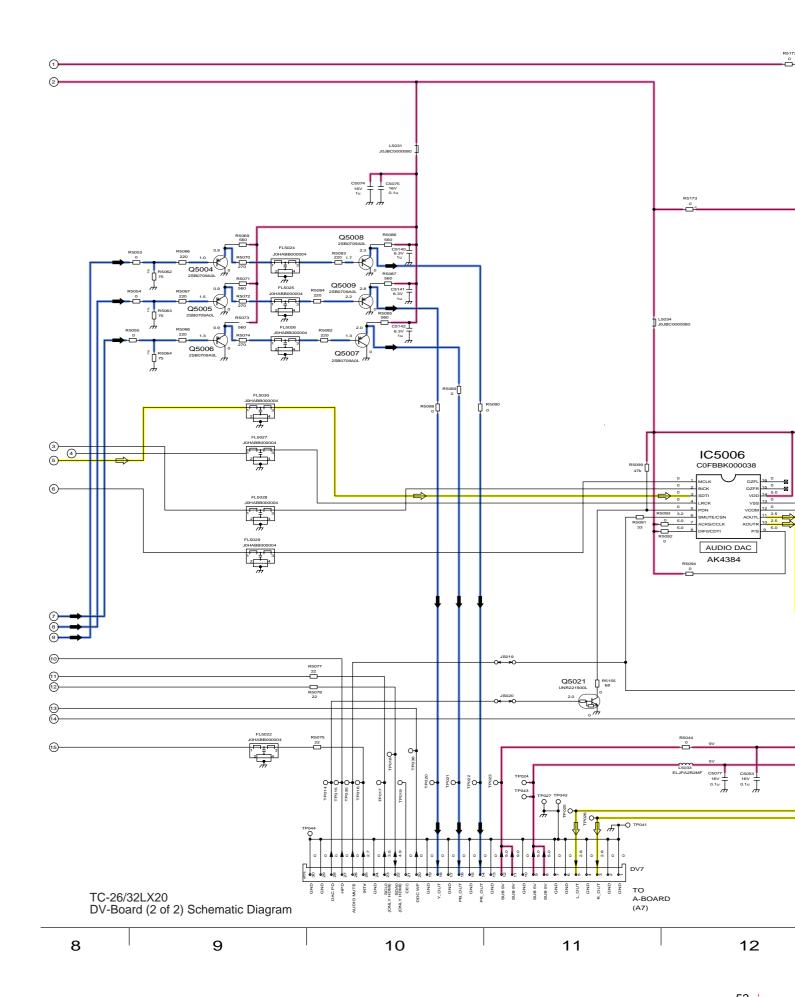




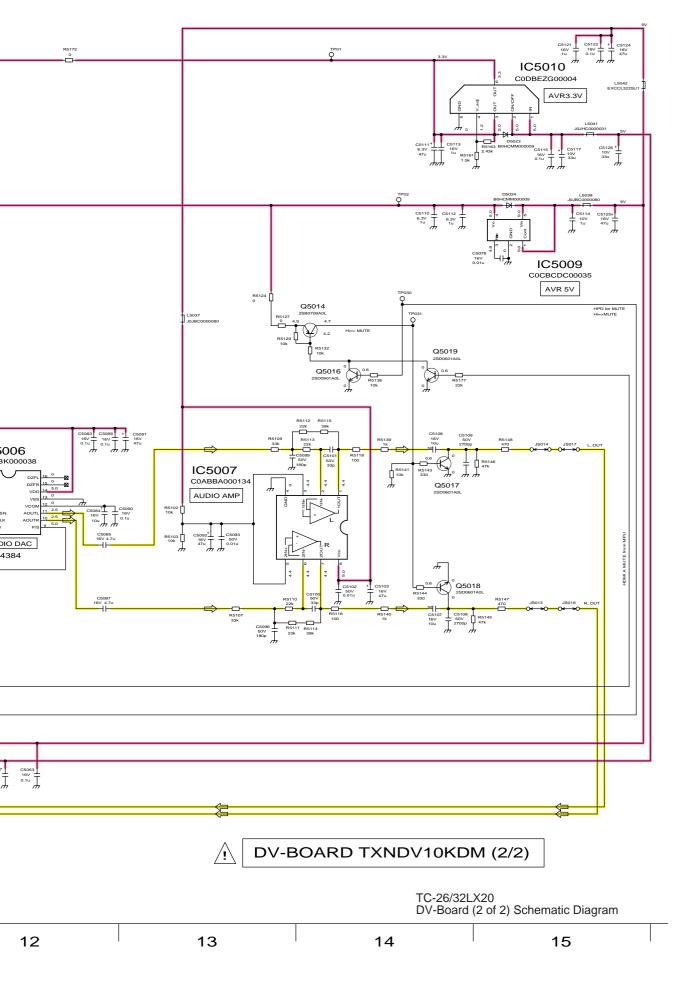




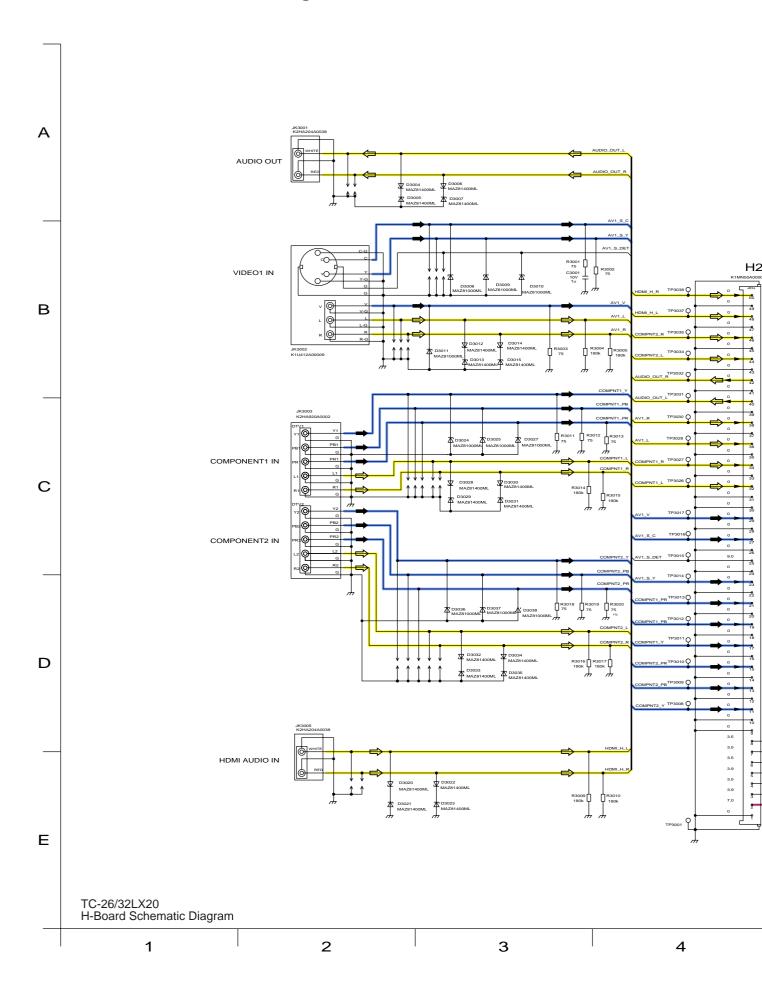
10.15. DV-Board (2 of 2) Schematic Diagram





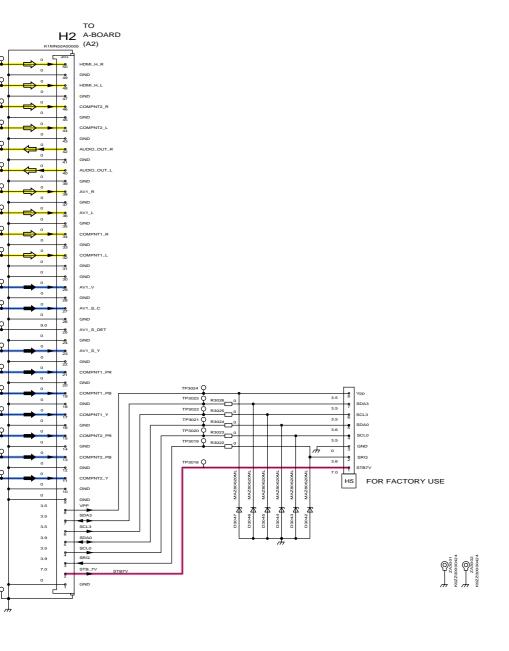


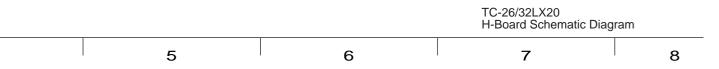
10.16. H-Board Schematic Diagram



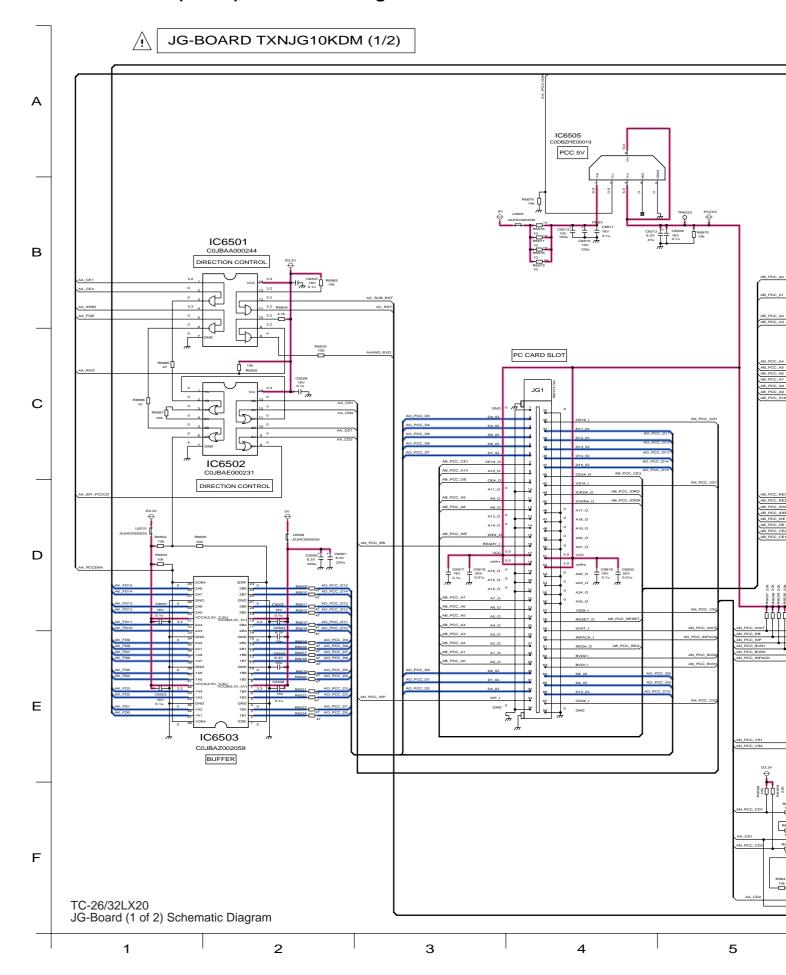
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H-BOARD TNPA3160

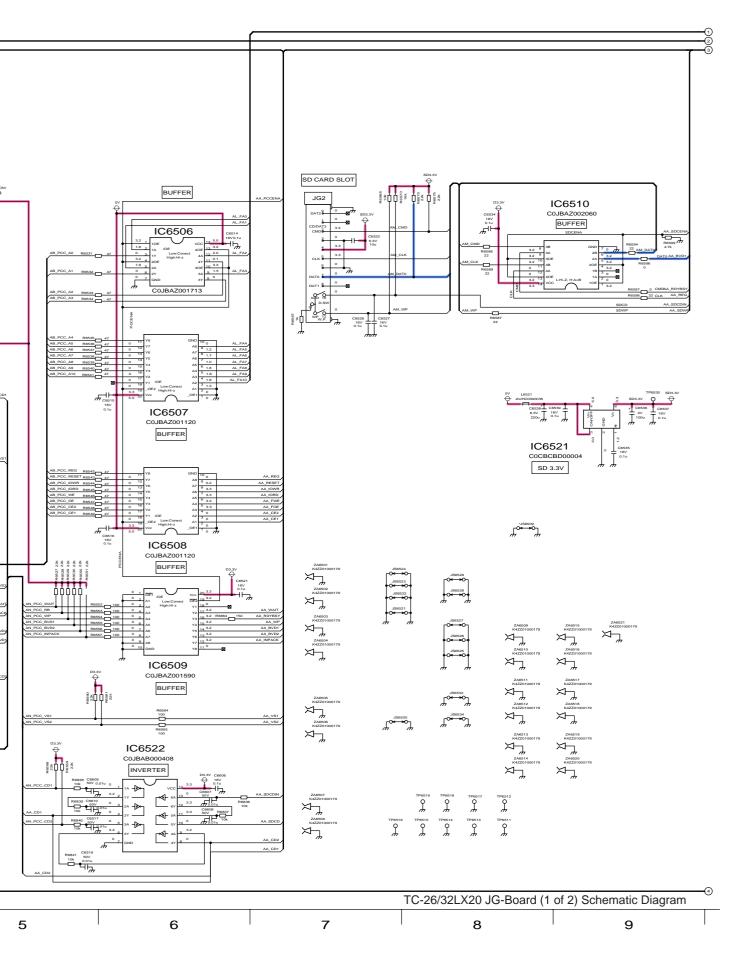




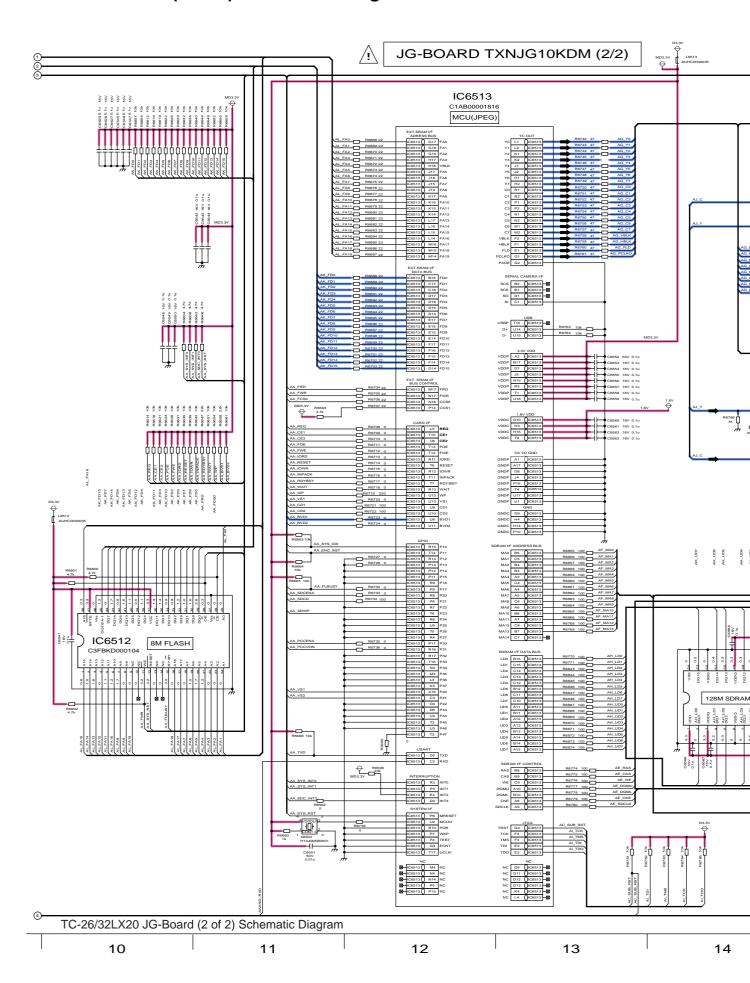
10.17. JG-Board (1 of 2) Schematic Diagram



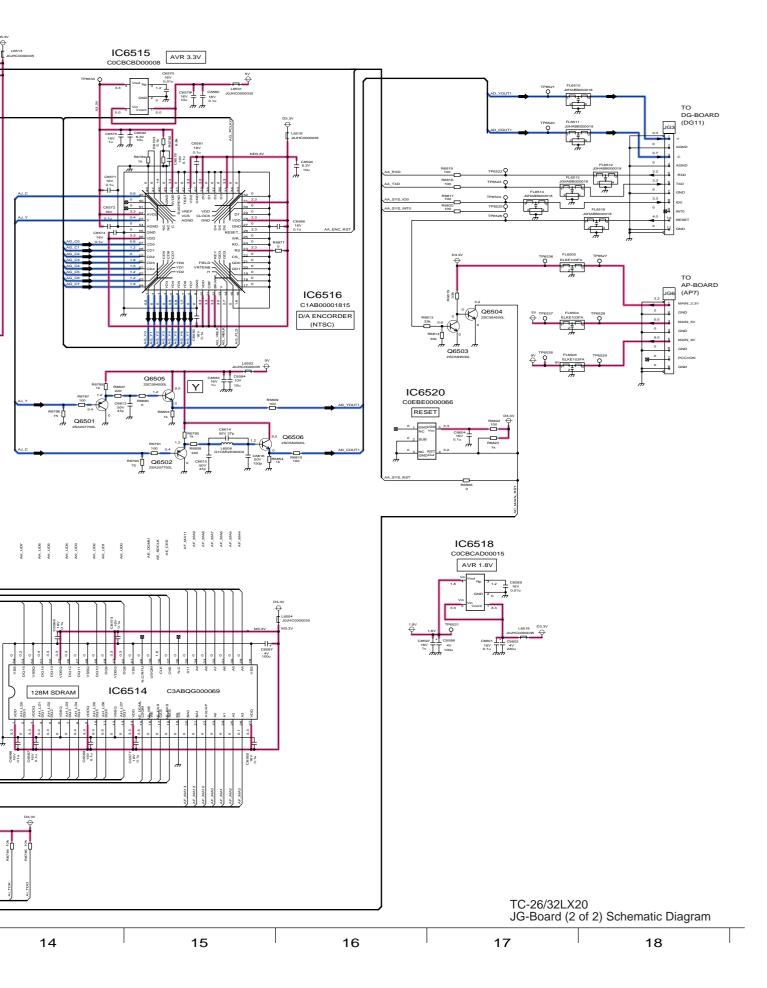




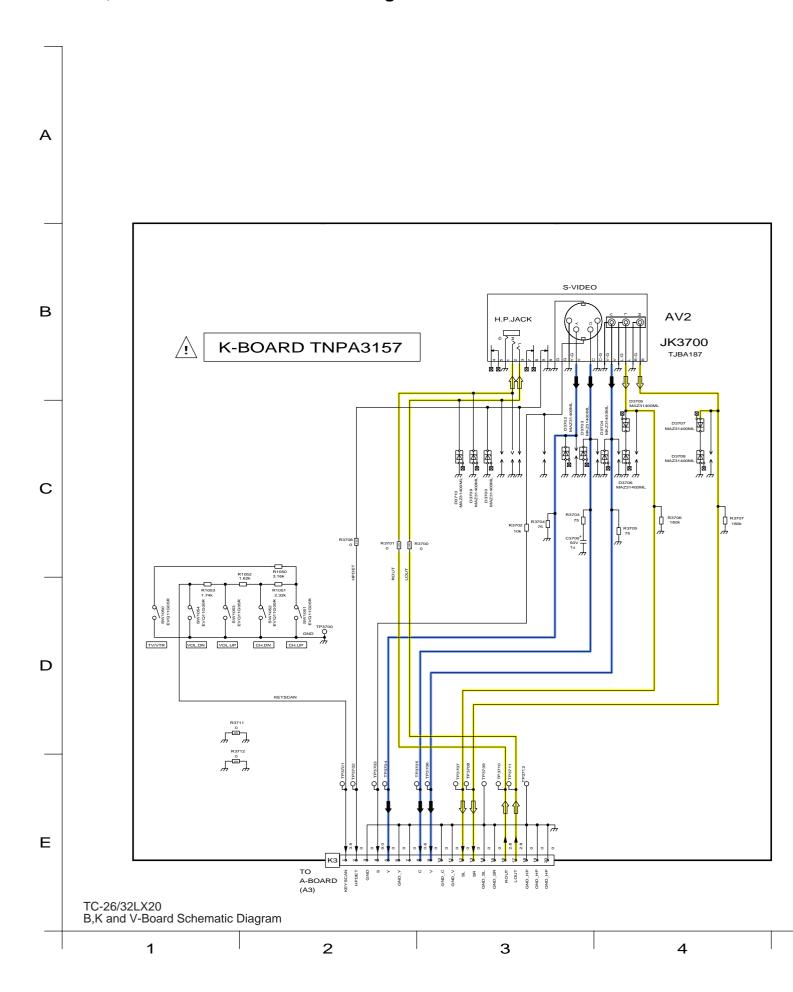
10.18. JG-Board (2 of 2) Schematic Diagram

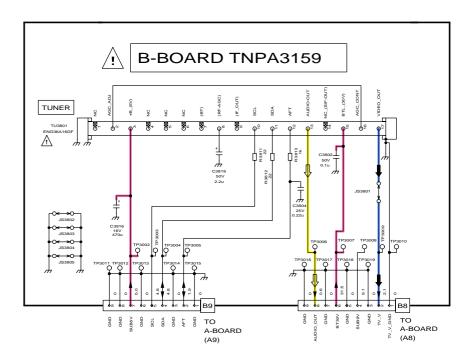


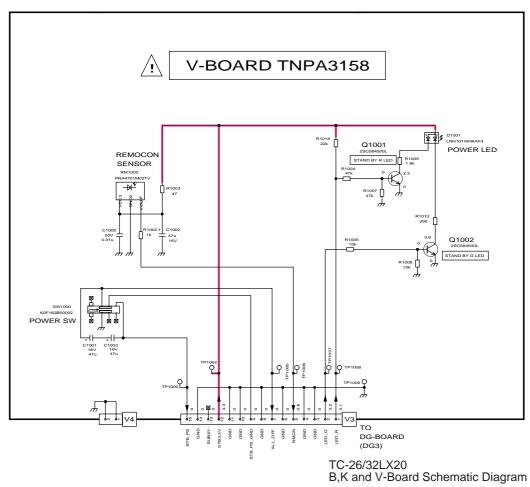




10.19. B, K and V-Board Schematic Diagram







6

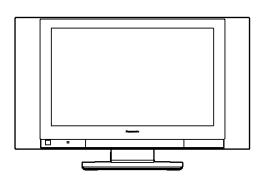
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8

5

R3707 180k

Service Manual



TC-32LX20 TC-26LX20

LH34 Chassis

Specifications

Power Source AC 120 V, 50/60 Hz

Power Consumption Average use : 133 W (Maximum Current 1.7 A) (TC-26LX20)

Average use: 164 W (Maximum Current 2.2 A) (TC-32LX20)

Stand-by condition: 0.4 W

LCD 26-inch (661mm) (TC-26LX20)

32-inch (802mm) (TC-32LX20) 16:9 aspect ratio LCD panel

Screen Size $22.30" \times 13.38" \times 26.00"$ (556.4 mm × 339.8 mm × 660.5 mm) (TC-26LX20) (W × H × diagonal) $27.06" \times 16.24" \times 31.56"$ (687.4 mm × 412.4 mm × 801.6 mm) (TC-32LX20)

Channel Capability VHF-12 : UHF-56 : Cable-125

Sound

Speakers ϕ 8 cm × 2 pcs, ϕ 4 cm × 2 pcs, 8 Ω .

Headphones M3 (3.5 mm) Jack x 1

FEATURES CLOSED CAPTION, V-Chip, SD / PC card slots

Operating Conditions Temperature : 41 °F - 95 °F (5 °C - 35 °C)

Humidity: 5 % - 90 % RH (non-condensing)

Connection Terminals

INPUT VIDEO (RCA PIN Type \times 1) \times 2 1.0 Vp-p (75 Ω)

S-VIDEO (MINI DIN 4pin x 1) x 2 Y:1 Vp-p (75 Ω), C: 0.286 Vp-p (75 Ω)

AUDIO L-R (RCA PIN Type x 2) x 2 0.5 Vrms

COMPONENT Y \times 2 1.0 Vp-p (including synchronization)

VIDEO INPUT $P_{B} / P_{R} \times 2 \\ \text{AUDIO L-R (RCA PIN Type} \times 2) \times 2 \\ \text{0.5 Vrms}$

AUDIO L-R (RCA PIN Type \times 2) \times 2 0.5 Vrms AUDIO L-R (RCA PIN Type \times 2) \times 1 0.5 Vrms

HDMI HDMI TYPE A Connector × 1

AUDIO L-R (RCA PIN Type \times 2) \times 1 0.5 Vrms

Dimensions (W \times H \times D)

OUTPUT



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Including TV Stand 33.23" x 22.51" x 12.64" (844 mm x 571.8 mm x 321 mm) (TC-26LX20)

39.37" × 25.66" × 12.64" (1000 mm × 651.7 mm × 321 mm) (TC-32LX20)

TV Set Only 33.23" × 18.82" × 5.39" (844 mm × 478 mm × 137 mm) (TC-26LX20)

39.37" × 21.97" × 5.39" (1000 mm × 558 mm × 137 mm) (TC-32LX20)

Mass (Weight) 22.8 kg (59.2 lb.) NET (TC-26LX20)

27.3 kg (60.1 lb.) NET (TC-32LX20)

Note:

Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Safety Precautions

1.1. General Guidelines

- 1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- 2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- 3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

- 1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $1 M \Omega$ and $5.2 M \Omega$.

When the exposed metal does not have a return path to the chassis, the reading must be $\mathbb{C}X\mathbb{O}$.

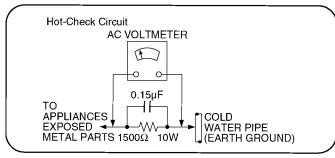


Figure 1

1.1.2. Leakage Current Hot Check (See Figure 1.)

- Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
- 2. Connect a 1.5k Ω , 10 watts resistor, in parallel with a 0.15 μ F capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- 4. Check each exposed metallic part, and measure the voltage at each point.
- Reverse the AC plug in the AC outlet and repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

2 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

- 1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
- 2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- 3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
- 4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.

These parts are marked by Δ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

3 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

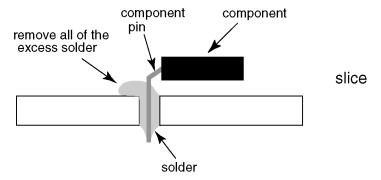
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol 😥 stamped on the back of PCB.

Caution

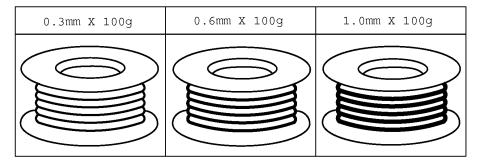
- Pb free solder has a higher melting point than standard solder. Typically the melting point is $50 \sim 70$ °F ($30\sim40$ °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

 If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.



4 Self-check function

When phenomena like "the power fails from time to time" or "the video/audio fails from time to time" can not be confirmed at the time of servicing, the self-check function can be used to confirm the occurrence and to limit the scope for the defective circuits. Also, when "the power fails from time to time", display on the screen can be used to confirm the occurrence and to limit the scope for the defective circuits.

Any programmed channels, channels caption data and some other user defined settings will be erased and return to factory setting.

4.1. How to access

4.1.1. Access

Produce TV reception screen and, while pressing [VOLUME-] button on the main unit, press [SLEEP] button on the remote control unit simultaneously.

4.1.2. Exit

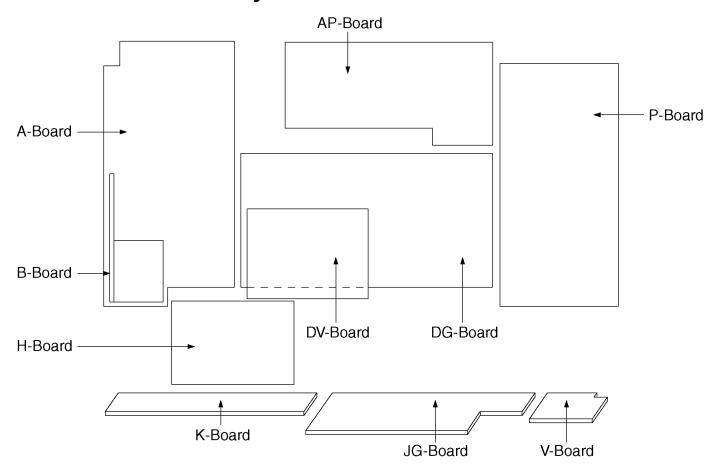
When one of the buttons for channel selection etc. is pressed, the display returns to the normal screen.

4.2. Screen display

	SELF (CHECK	
MEMORY MTS AVSW-V GC3FM GC3I	OK OK OK OK	TNR1 SOUND AVSW-A GC3FS HDMI	OK OK OK OK
INCH 26			

Display	Ref No.	Description	P.C.B
MEMORY	IC1102	EEPROM1	DG-BOARD
TNR1	TU3801	Tuner	B-BOARD
MTS	IC3103	Multi Sound Processor	A-BOARD
SOUND	IC2301	Sound Control	A-BOARD
AVSW-V	IC3101, IC3102	Video Switch, Audio Switch	A-BOARD
AVSW-A	IC3102	Audio Switch	A-BOARD
GC3FM	IC4011	Grobal Core MAIN	DG-BOARD
GC3FS	IC4010	Grobal Core SUB	DG-BOARD
GC3I	IC4002	Groval Core IP	DG-BOARD
HDMI	IC5003	DVI I/F Receiver	DV-BOARD

5 Chassis Board Layout

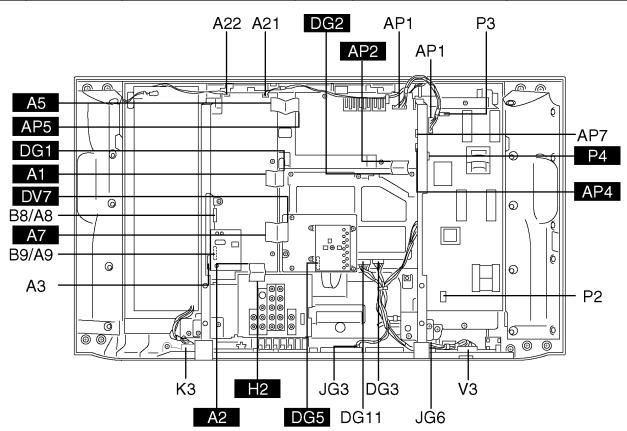


Board Name	Function
A-Board	MTS, Analog Audio SW, Analog Video SW, Audio Processor & Amp
AP-Board	Regulator, 30V
B-Board	Tuner
DG-Board	GC3FM, GC3FS, GC3I, PCN, MCU, EEPROM, LVDS
DV-Board	DVI, IF Receiver
H-Board	AV, IN/OUT Terminals
JG-Board	PC Card & SD Card Slot, JPEG IF, D/A Encoder
K-Board	Key Switch, AV/HP Terminals
P-Board	AC IN, Line Filter, AD/DC, DC Power Supply
V-Board	Remote sensor, LED

6 Before servicing

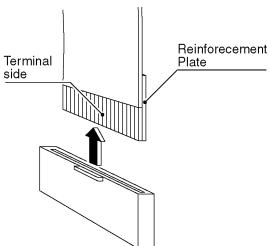
6.1. Kind and location of the flexible cable

Ref No.	Flexible cable	Connector type	Pins	Location	Opposite Ref No.
A1	•	type1	50pin	A-BOARD	DG1
A2	•	type1	50pin	A-BOARD	H2
A3	=	-	20pin	A-BOARD	k3
A5	•	type1	20pin	A-BOARD	AP5
A7	•	type1	30pin	A-BOARD	DV7
A8	-	-	9pin	A-BOARD	B8
A9	-	-	9pin	A-BOARD	B9
A21	-	-	3pin	A-BOARD	L-Speaker
A22	-	-	3pin	A-BOARD	R-Speaker
AP1	-	-	6pin	AP-BOARD	P1
AP2	•	type2	50pin	AP-BOARD	DG2
AP4	•	type1	11pin	AP-BOARD	P4
AP5	•	type1	20pin	AP-BOARD	A5
AP7	-	-	8pin	AP-BOARD	JG6
B8	-	-	9pin	B-BOARD	A8
B9	-	-	9pin	B-BOARD	A9
DG1	•	type1	50pin	DG-BOARD	A1
DG2	•	type2	50pin	DG-BOARD	AP2
DG3	-	-	15pin	DG-BOARD	V3
DG5	•	type2	30pin	DG-BOARD	LCD Panel
DG11	-	-	11pin	DG-BOARD	JG3
DV7	•	type1	30pin	DV-BOARD	A7
H2	•	type1	50pin	H-BOARD	A2
JG3	-	-	11pin	JG-BOARD	DG11
JG6	-	-	8pin	JG-BOARD	AP7
K3	-	-	20pin	K-BOARD	A3
P1	-	-	6pin	P-BOARD	AP1
P2	-	-	2pin	P-BOARD	AC Cord
P3	-	-	8pin	P-BOARD	LCD Panel (Inverter)
P4	•	type1	11pin	P-BOARD	AP4
V3	-	-	15pin	V-BOARD	DG3

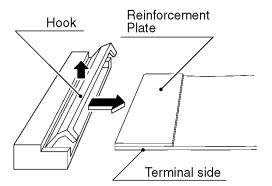


6.2. How to remove the connector

Connector type1



Connector type2

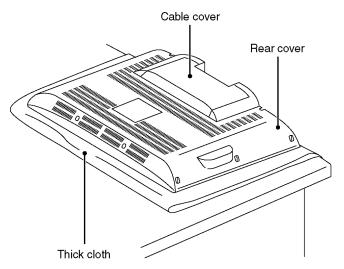


7 Disassembly for Service

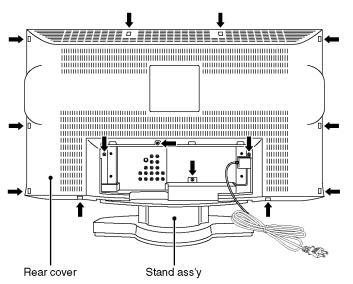
7.1. Rear cover and Stand

7.1.1. Rear cover

- 1. Thick cloth and so on is down not to damage a LCD screen, and the unit is layed down as shown in figure below.
- 2. Detach the Cable cover.

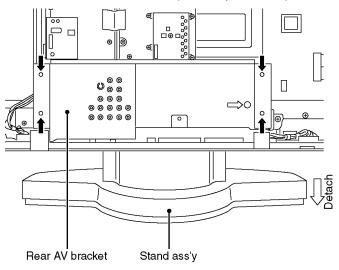


3. Remove the screws (14pcs), detach the rear cover.

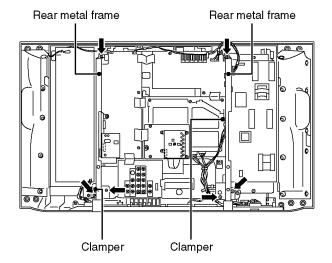


7.1.2. Stand and Rear metal frame

- 1. Remove the Rear cover.
- 2. Remove the screws (4pcs), detach the Stand ass'y.
- 3. Remove a screw (\(\subseteq \rightarrow \)) and disconnect the coupler (P2), detach the Rear AV bracket (with the power cord).



4. Remove the screw (6pcs) and release the wires from the clampers on the Rear metal frame, detach the Rear metal frame.

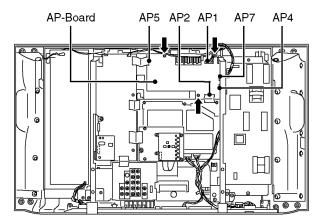


Caution:

PCB Fixing screws driving torque : 0.2-0.3 N \cdot m (2-3kg \cdot mm)

7.2. AP-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the screws (3pcs) and disconnect the couplers (AP1 and AP7) and flexible cables (AP2, AP4 and AP5) and detach the AP-BOARD.



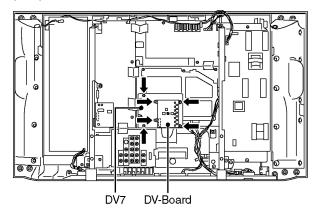
Caution:

PCB Fixing screws driving torque : 0.2-0.3 N • m (2-3kg • mm)

Do not tighten screws so hard.

7.3. DV-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- Remove the screws (6pcs) and disconnect a flexible cable (DV7) and detach the DV-BOARD.



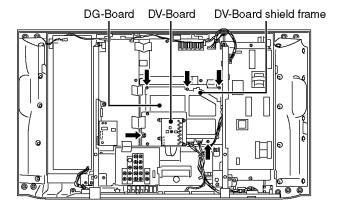
Caution:

PCB Fixing screws driving torque : 0.2-0.3 N \cdot m (2-3kg \cdot mm)

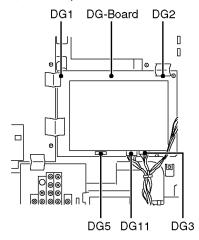
Do not tighten screws so hard.

7.4. DG-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the screws (5pcs), detach the DV-BORAD with DV-Board shield frame.



4. Disconnect the couplers (DG3, DG11) and flexible cables (DG1, DG2, and DG5) and detach the DG-BOARD.

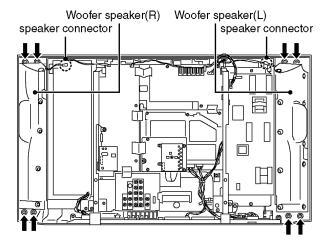


Caution:

PCB Fixing screws driving torque : 0.2-0.3 N \cdot m (2-3kg \cdot mm)

7.5. Speaker (L, R)

- 1. Remove the rear cover.
- 2. Remove the screws (4pcs(L), 4pcs(R)) and disconnect the Speaker connector (L, R) and detach the Speakers (L, R).



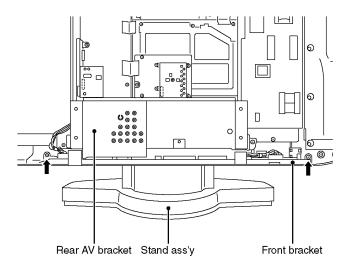
Caution:

Speaker Fixing screws driving torque : 0.2-0.3 N • m (2-3kg • mm)

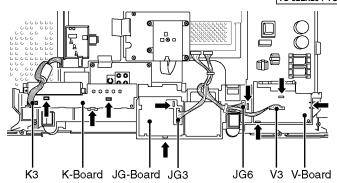
Do not tighten screws so hard.

7.6. K, JG, V-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the Stand ass'y.
- 4. Remove the screws (2pcs) and detach the Front bracket.



- 5. Disconnect the coupler (K3), release the claws (3 points) and detach the K-BOARD.
- 6. Disconnect the couplers (JG3, JG6), release the claws (3 points) and detach the JG-BOARD.
- 7. Disconnect the coupler (V3), release the claws (3 points) and detach the V-BOARD.



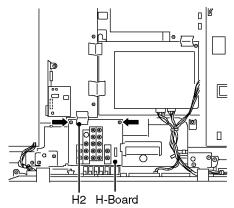
Caution:

PCB Fixing screws driving torque : 0.2-0.3 N \cdot m (2-3kg \cdot mm)

Do not tighten screws so hard.

7.7. H-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the screws (2pcs) and disconnect the flexible cable (H2) and detach the H-BOARD.

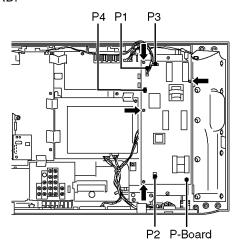


Caution:

PCB Fixing screws driving torque : 0.2-0.3 N \cdot m (2-3kg \cdot mm)

7.8. P-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the Speakers (L). (Refer to item 7.5.)
- 4. Remove the screws (4pcs) and disconnect the couplers (P1, P2 and P3) and a flexible cable (P4), detach the P-BOARD.



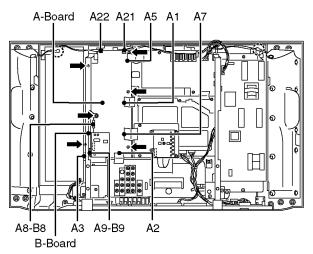
Caution:

PCB Fixing screws driving torque : 0.2-0.3 N \cdot m (2-3kg \cdot mm)

Do not tighten screws so hard.

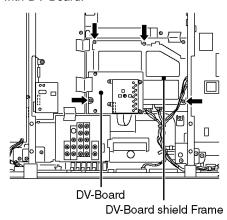
7.9. A-BOARD and B-BOARD

- 1. Remove the rear cover. (Refer to item 7.1.)
- 2. Remove the Rear AV bracket.
- 3. Remove the screws (6pcs) and disconnect the couplers (A3, A21, A22) and the flexible cables (A1, A2, A5, A7) detach the A-BOARD with B-BOARD.
- Disconnect the connectors (A8-B8, A9-B9) to remove the B-BOARD.

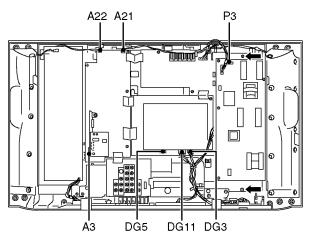


7.10. LCD panel

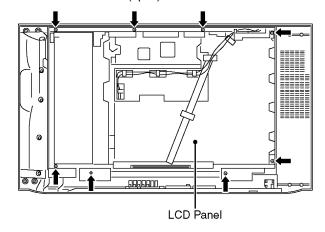
- 1. Remove the rear cover. (Refer to item 7.1.1.)
- 2. Remove the Rear AV bracket, the stand ass'y and the Rear metal frame. (Refer to item 7.1.2.)
- 3. Remove the L-Speaker. (Refer to item 7.5)
- Remove the screws (4pcs), detach the DV-Board shield frame with DV-Board.



- 5. Disconnect the flexible cable (DG5) and the couplers (A3, A21, A22, DG3, DG11, P3).
- 6. Remove the screws (2pcs) and detach the CH Frame with the P.C Boards.



7. Remove the screws (8pcs) and detach the LCD Panel.



Caution:

PCB Fixing screws driving torque : 0.2-0.3~N • m (2-3kg • mm)

8 Adjustment method

8.1. How to enter into adjustment mode

While pressing [VOLUME-] button of the main unit, press [RECALL] button of the remote control transmitter three times in a row (within 2 seconds).

8.1.1. Adjustment method.....Use the remote control.

"1" button...Main items Selection in forward direction

"2" button...Main items Selection in reverse direction

"3" button...Sub items Selection in forward direction

"4" button...Sub items Selection in reverse direction

8.2. Cancellation

Switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

8.3. Contents of adjustment mode

- · Value is shown as a hexadecimal number.
- · Preset value differs depending on models.
- · After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Remarks	Sample Data
MAIN	YGAIN	Video level (RF, video, component)	257
	B-Y	Video level (RF, video, component)	AC
	R-Y	Video level (RF, video, component)	58
SUB	COLOR	Sub color	1A
	TINT	Sub tint	FF
	BRIGHT	Sub Bright	800
	BACK-L	Sub Back light	B5
	B-Y-G	B-Y Gain	3E
	R-Y-A	R-Y demodulation axis	00
OPT	OPT00	(TV)	46
RM	CODE	Remote Control Transmitter Code	A
MTS	MTSIN	RF Audio input level	1E
	SEPAL	Stereo separation Low	8
	SEPAH	Stereo separation Hi	1C

8.4. Video Signal Level Adjustment

8.4.1. NTSC picture RF

Instrument Name	Connect to	Remarks
Remote controller	RF input	
2. Internal signal (sprit color bar)	·	

1. Receive sprit color bar, turn off CC.

(Aspect mode: just, Viewing mode: vivid normal, Al Picture: off, Backlight: +30)

2. Enter into Main adjustment of YGAIN in the plant adjustment mode, adjust video signal.

2-1. Y signal check

With [VOLUME+/-] buttons of the remote control transmitter, adjust the value appearing below YGAIN indication so that the value MAX indication becomes B8.

(Push for one second "8" on the remote controller and make automatic adjustment of video signal level.)

8.4.2. NTSC picture VBS

Instrument Name	Connect to	Remarks
Remote controller Signal generator (TG35BX (by Shibasoku) equivalent)	AV input	

1. Receive 100% color bar.

(Aspect mode: just, Viewing mode: vivid normal, Al Picture: off, Backlight: +30)

2. Enter into Main adjustment of YGAIN in the plant adjustment mode, adjust video signal.

2-1. Y signal check

With [VOLUME+/-] buttons of the remote control transmitter, adjust the value appearing below YGAIN indication so that the value MAX indication becomes B8.

(Push for one second "8" on the remote controller and make automatic adjustment of video signal level.)

8.4.3. NTSC component (1125i)

Instrument Name	Connect to	Remarks
 Remote controller Signal generator (TG35BX (by Shibasoku) equivalent) 	AV input	

1. Receive 100% color bar.

(Aspect mode: just, Viewing mode: vivid normal, Al Picture: off, Backlight: +30)

2. Enter into Main adjustment of YGAIN in the plant adjustment mode, adjust video signal.

2-1. Y signal check

With [VOLUME+/-] buttons of the remote control transmitter, adjust the value appearing below YGAIN indication so that the value MAX indication becomes B8.

(Push for one second "8" on the remote controller and make automatic adjustment of video signal level.)

8.5. White Balance Adjustment

Instrument Name	Connect to	Remarks
Remote controller		Correlation can be also taken
2. LCD WB meter (Minolta CS-1000 equivalent)		by CA-110 or equivalent
3. Communication jig		
Computer for external control		

- · Basically perform checking using the production software and make automatic adjustment using external computer.
- · Let the panel stand for more than 3 hours at 20 °C to 25 °C.
- Basically perform assemble to completion in the ambient environment of room temperature 20 °C to 25 °C.
- 1. Enter into WB adjustment in the plant adjustment mode and measure the WHITE brightness data to check that it is higher than 400 cd /m².

(When it is below 400 cd /m², make re-measurement in 30 minutes after cold-on.)

- 2. For the Excel calculation sheet, use "TH-32LX20, calculation software Ver. 1.05" and "TC-26LX20, calculation software Ver. 1.00".
- 3. Using the jig, measure the brightness and chromaticity coordinates of single colors, white, red, green and blue, at the maximum brightness (using basic data) and calculate the gamma data corrected at the maximum brightness using Excel calculation sheet on the external computer.
- 4. Write the values calculated in 3 above in the gamma data part in EEPROM.

```
EEPROM Adr: 02BAh ~ 02BDh, 02CEh ~ 02D1h ...R (color temperature Normal)
026Ah ~ 026Dh, 027Eh ~ 0281h ...G (color temperature Normal)
0292h ~ 0295h, 02A6h ~ 02A9h ...B (color temperature Normal)
```

Note:

For T.T., P.P. and M.P., record the brightness and chromaticity coordinates for white, red, green and blue.

- 5. Reflect the data in 4 above and select gray and measure the brightness and chromaticity coordinate at that time and calculate the gamma data (color temperature, normal) and cool and warm color temperatures, corrected at half-tone, using the external computer.
- 6. Write the values calculated in 5 above in the gamma data part in EEPROM.

```
EEPROM Adr: 02BAh ~ 02BDh, 02CEh ~ 02D1h ...R (color temperature Normal) 026Ah ~ 026Dh, 027Eh ~ 0281h ...G (color temperature Normal) 0292h ~ 0295h, 02A6h ~ 02A9h ...B (color temperature Normal) 02BEh ~ 02C1h, 02D2h ~ 02D5h ...R (color temperature Warm) 026Eh ~ 0271h, 0282h ~ 0285h ...G (color temperature Warm) 0296h ~ 0299h, 02AAh ~ 02ADh ...B (color temperature Warm) 02C2h ~ 02C5h, 02D6h ~ 02D9h ...R (color temperature Cool) 0272h ~ 0275h, 0286h ~ 0289h ...G (color temperature Cool) 029Ah ~ 029Dh, 02AEh ~ 02B1h ...B (color temperature Cool)
```

Note:

For T.T., P.P. and M.P., record the brightness and chromaticity coordinates for white, red, green, and blue at CHECK and GRAY in the final gamma setting. Also for P.P. and M.P. record the brightness and chromaticity coordinates at color temperatures Normal and Warm.

7. Reflect the data in 6 above and CHECK that the chromaticity coordinates, at check and GRAY, are within the values given below.

```
32 inch CHECK: x=0.2655 \pm 0.005 \text{ y} = 0.268 \pm 0.005
32 inch GRAY: x=0.2635 \pm 0.005 \text{ y} = 0.2665 \pm 0.005
26 inch CHECK: x=0.264 \pm 0.005 \text{ y} = 0.269 \pm 0.005
26 inch GRAY: x=0.268 \pm 0.005 \text{ y} = 0.267 \pm 0.005
```

· When writing data into EEPROM, make this procedure after sending the WP (write protect) cancellation command (70 88 00). Also, WP (write protect) setting command is 70 88 FF.

TC-32LX20 / TC-26LX20

8. Measure the brightness of white after adjustment, Manage the data grade the brightness on mentioned below. 32 inch A rank 510 cd/m2 \leq Y < B rank 485 cd/m2 ≦ Y < 510 cd/m2 C rank 465 cd/m2 ≦ Y < 485 cd/m2 Y < 465 cd/m2D rank 26 inch A rank 540 cd/m2 \leq Y < B rank 520 cd/m2 ≦ Y < 540 cd/m2 C rank 500 cd/m2 ≦ Y < 520 cd/m2 D rank Y < 500 cd/m29. EEPROM DATA saving place for WB (gamma data) backup <Housing address> <Writing address> 32 inch $0276h \sim 0279h \rightarrow 026Ah \sim 026Dh$ $028Ah \sim 028Dh \rightarrow 027Eh \sim 0281h$ 029Eh ~ 02A1h \rightarrow 0292h ~ 0295h $02B2h \sim 02B5h \rightarrow 02A6h \sim 02A9h$ $02C6h \sim 02C9h \rightarrow 02BAh \sim 02BDh$ $02DAh \sim 02DDh \rightarrow 02CEh \sim 02D1h$ 26 inch $027Ah \sim 027Dh \rightarrow 026Ah \sim 026Dh$ $028Eh \sim 0291h \rightarrow 027Eh \sim 0281h$ $02A2h \sim 02A5h \rightarrow 0292h \sim 0295h$ $02B6h \sim 02B9h \rightarrow 02A6h \sim 02A9h$ 02CAh ~ 02CDh → 02BAh ~ 02BDh 02DEh ~ 02E1h \rightarrow 02CEh ~ 02D1h

Note:

After completion of adjustment, record the completion time if it took more than 35 minutes after aging.

8.6. MTS Adjustment

Caution:

MTS adjustment shall be after the aging of 30 minutes or longer.

8.6.1. RF Audio Input level Adjustment

Instrument name	Connection	Remarks
2 PE signal generator	TP3572 - GND RF ANT. INPUT Filter jig	RMS METER 1K
3. RMS voltage meter	,,,	4700p TPA180
		777 Filter jig

1. Apply following RF signal at Antenna input.

VIDEO: Flat field, 30 % modulation

AUDIO: 300 Hz, 100 % modulation, monaural

 $(70 \text{ dB} \pm 5 \text{ dB}, 75 \Omega, P/S 10 \text{ dB})$

Note:

Make sure 75 us PRE-EMPHASIS is off.

2. Adjust "MTSIN" data (Input level) until the RMS voltage meter indicates 106 mVrms ± 6 mVrms.

8.6.2. Stereo Separation Adjustment

Instrument name	Connection	Remarks
1. RF signal generator	RF ANT. INPUT	
2. Oscilloscope	TP3571 - GND	O L
3. Headphone jig		O R
		TP181 ()—() GND
		Headphone jig

- 1. Select STEREO mode in the AUDIO Menu.
- 2. Set "Audio volume" DAC to "40".
- 3. Apply following RF signal at Antenna input.

VIDEO: Flat field, 30% modulation

AUDIO: 300Hz, 30% modulation, STEREO (LEFT only)

(70dB \pm 5dB, 75 Ω OPEN, P/S 10dB)

Note:

After setting 30% modulation with PL SW and NR SW off, turn PL SW and NR SW on.

- 4. Adjust "SEPAL" data (Low-level separation) until the amplitude.
- 5. Apply following RF signal at Antenna input.

VIDEO: Flat field, 30% modulation

AUDIO: 3kHz, 30% modulation, STEREO (LEFT only)

 $(70dB \pm 5dB, 75\Omega OPEN, P/S 10dB)$

Note:

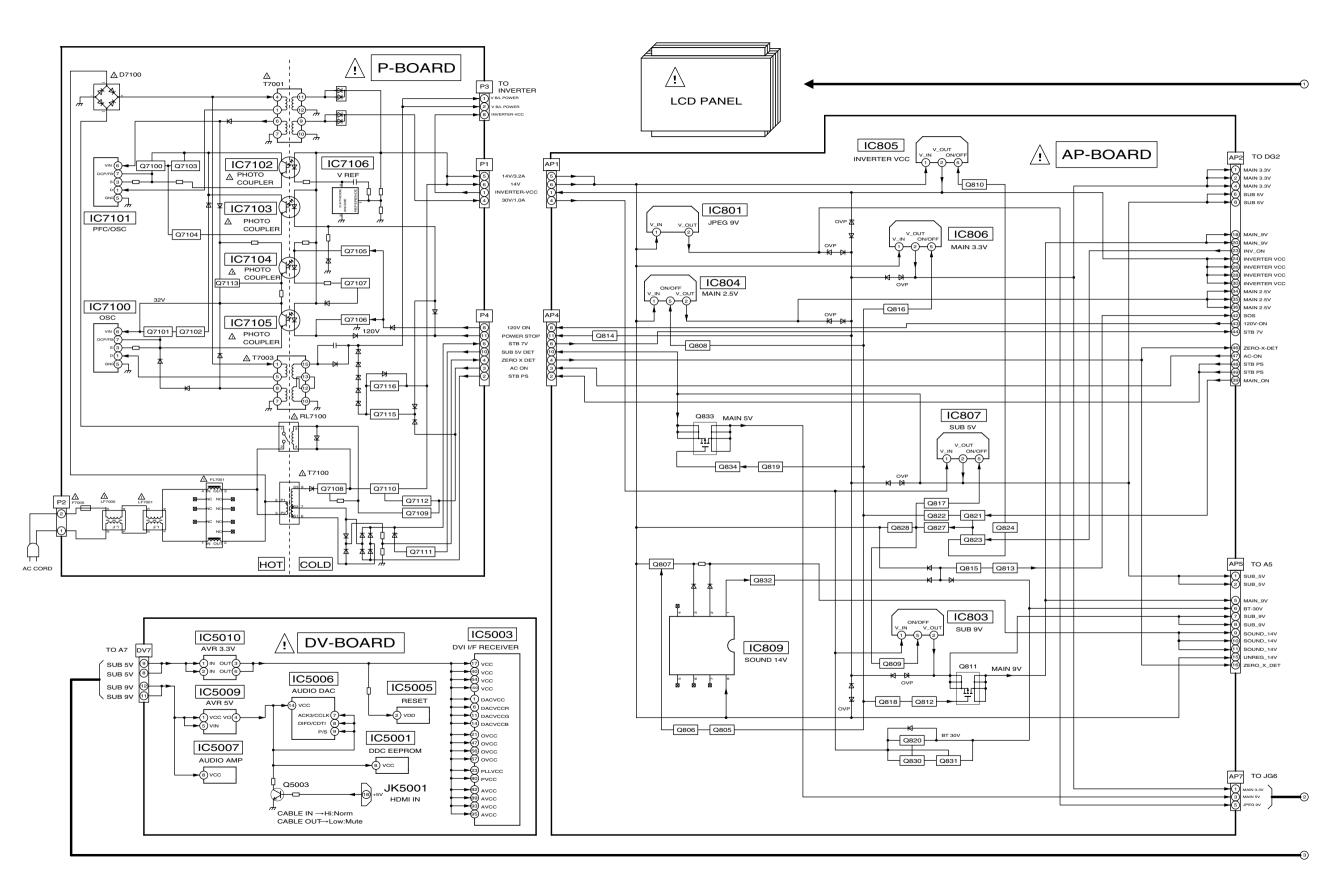
After setting 30% modulation with PL SW and NR SW off, turn PL SW and NR SW on.

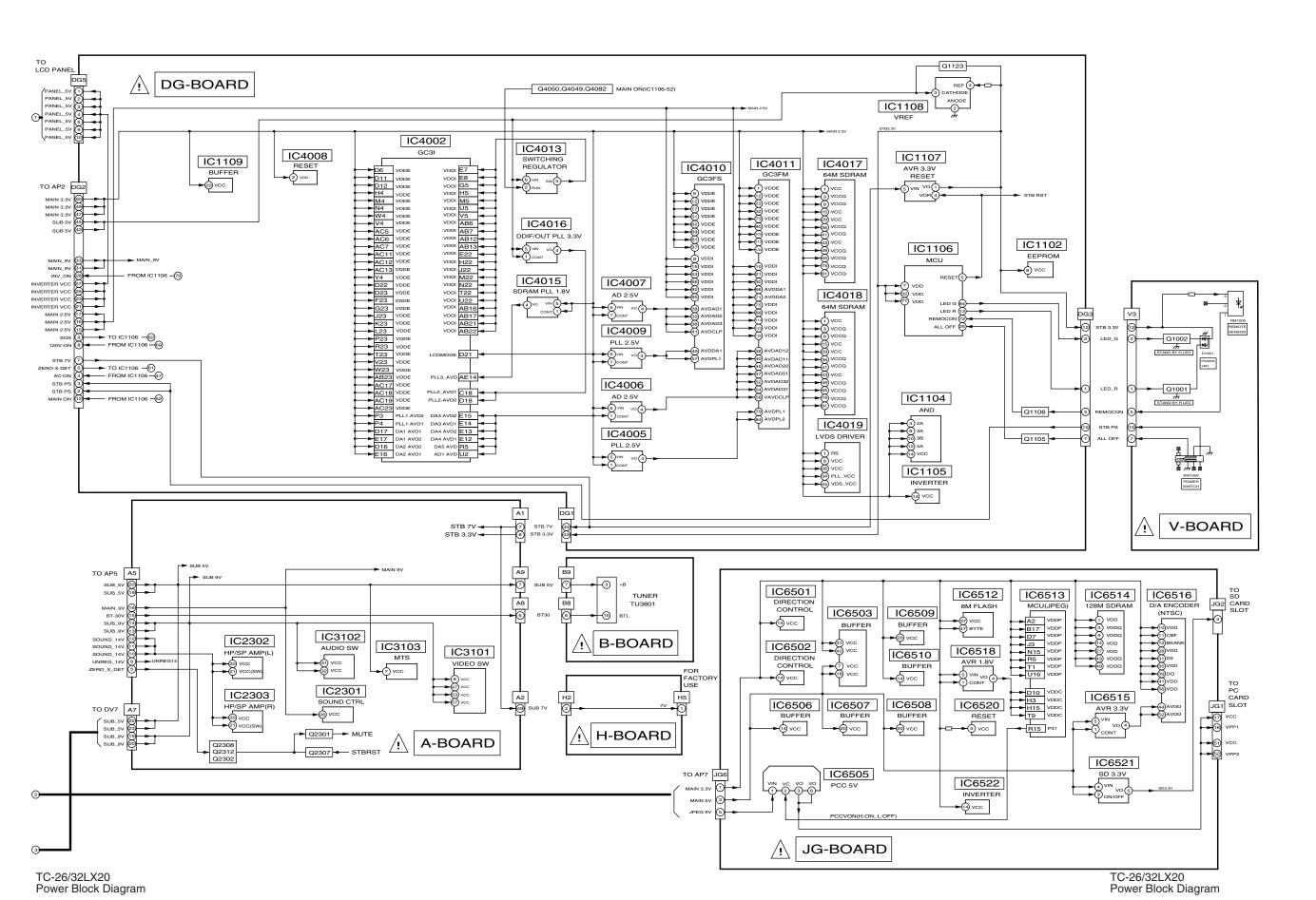
- 6. Adjust "SEPAH" data (High-level separation) until the amplitude of the waveform on the oscilloscope is minimum.
- 7. Repeat steps 3. to 6. until Low-level separation and High-level separation satisfy above-mentioned conditions.

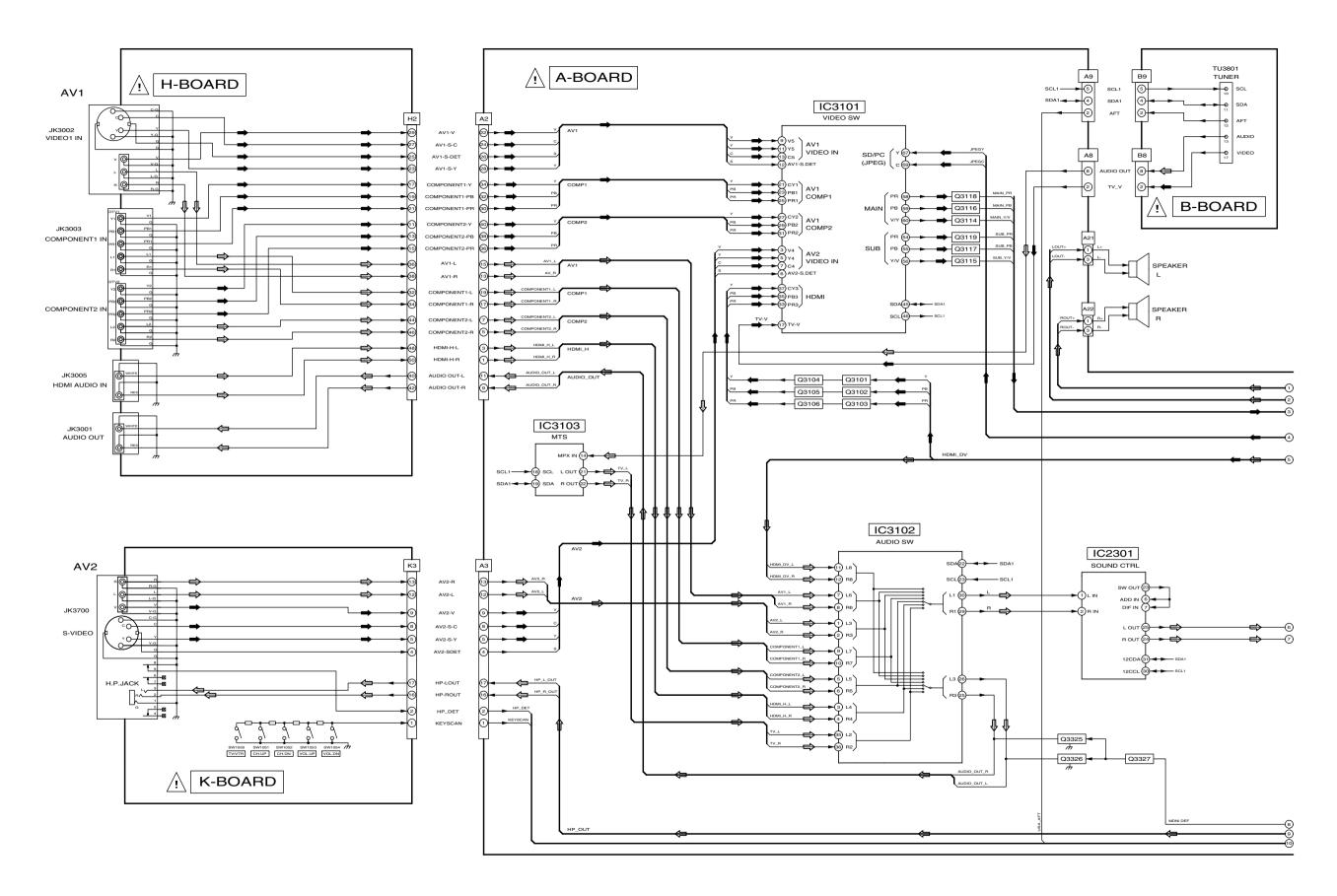
Note:

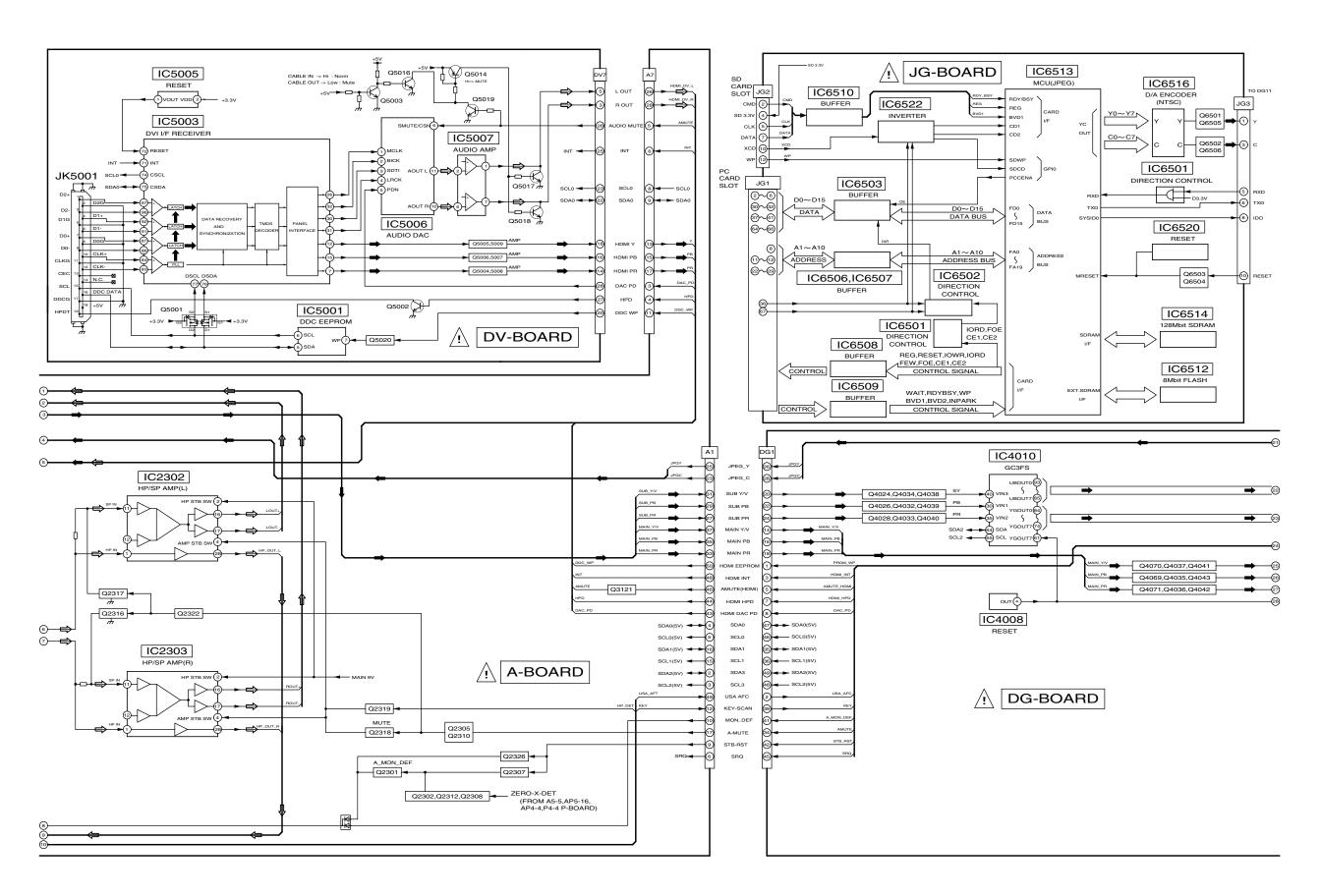
The separation must be more than 20 dB at 300Hz and 3kHz.

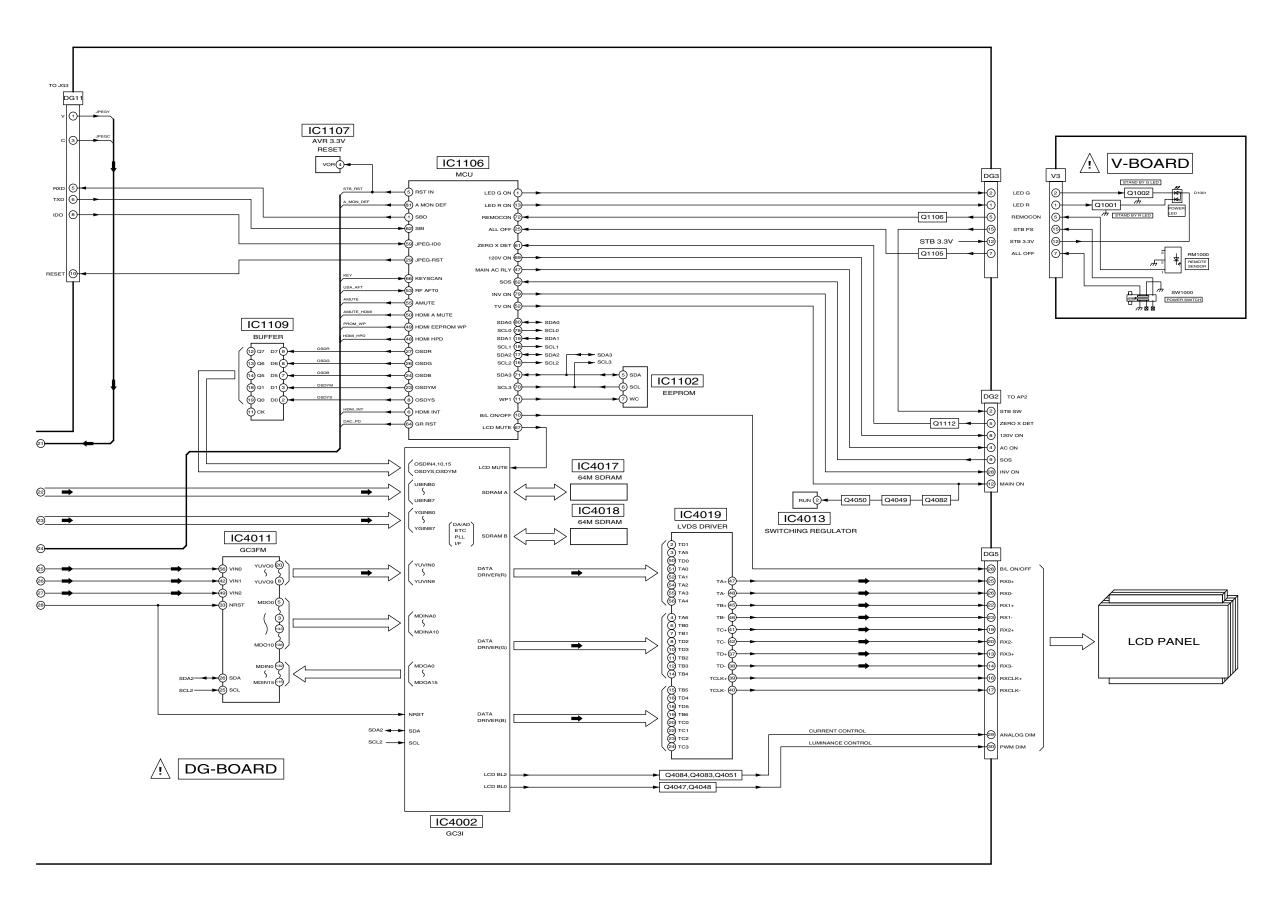
TC-32LX20 / TC-26LX20





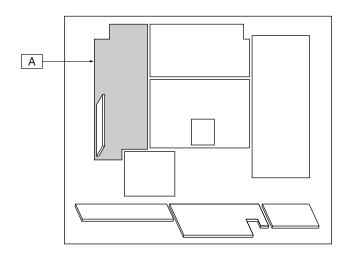




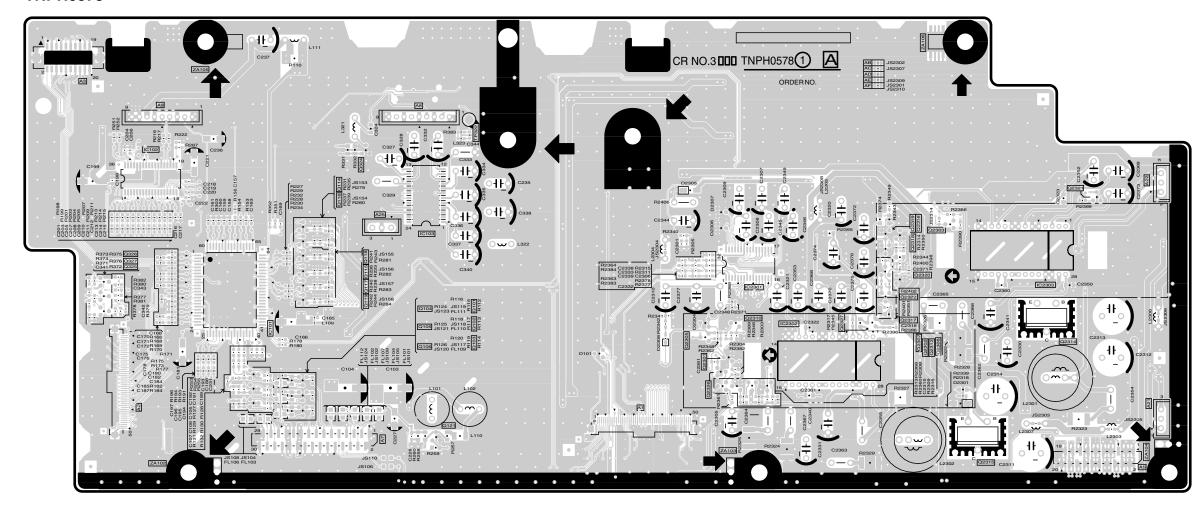


Parts Location

A-BOARD (COMPONENT SIDE)					
IC		Q2319	G-3	TP	
IC2301 IC2302 IC2303 IC3101 IC3102 IC3103	F-2 F-2 H-3 C-2 B-3 D-3	Q2320 Q2321 Q2322 Q2326 Q2327 Q3101 Q3102	G-2 H-3 G-2 F-2 G-2 C-2 C-2	TP3322	D-3
TRANSISTOR		Q3103 Q3104	C-2 C-2		
Q2301 Q2302 Q2303 Q2305 Q2307 Q2308 Q2310 Q2312 Q2314 Q2315 Q2316 Q2317 Q2318	F-2 F-2 G-3 F-2 F-2 F-2 F-2 H-1 G-3 G-2 G-3	Q3105 Q3106 Q3114 Q3115 Q3116 Q3117 Q3118 Q3119 Q3121 Q3324 Q3325 Q3326 Q3327	C-2 C-2 C-3 C-2 C-3 C-2 C-3 C-2 D-1 C-3 B-3 B-3		



A-BOARD(COMPONENT SIDE) TNPH0578



TC-26/32LX20 A-BOARD TNPH0578 TC-26/32LX20 A-BOARD TNPH0578

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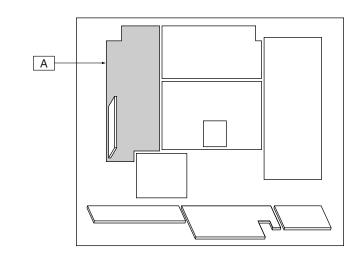
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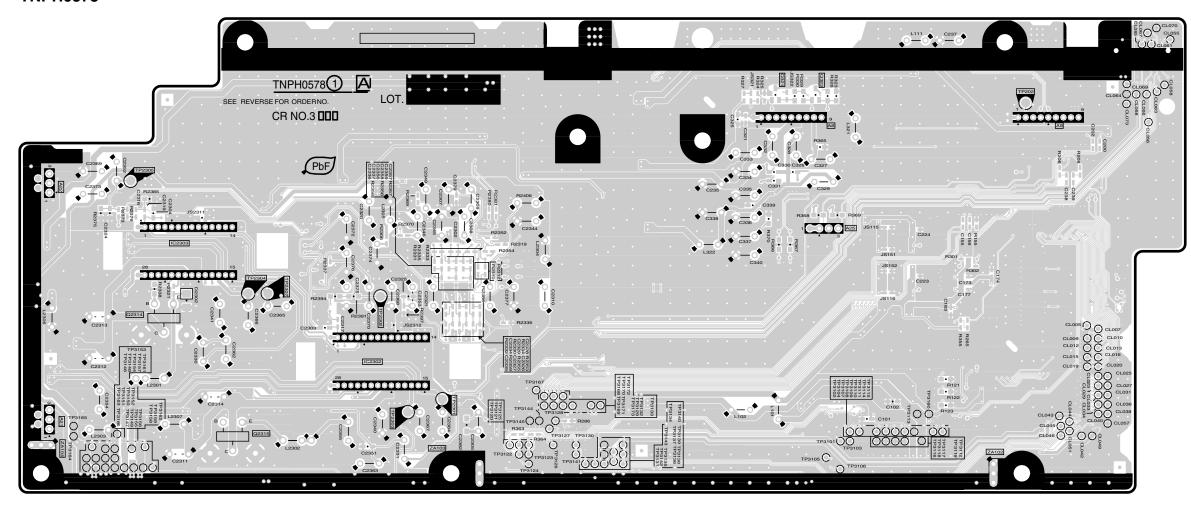
A-BOAF

Parts Location

A-BOARD (FOIL SIDE)							
IC		TP3106	G-1	TP3129	E-2	TP3152	B-2
100000	D.0	TP3107	G-1	TP3130	E-1	TP3153	B-2
IC2302	D-2	TP3108	G-1	TP3131	E-1	TP3154	B-2
IC2303	B-3	TP3109	G-1	TP3132	E-2	TP3155	B-2
TRANSISTOR		TP3110	G-1	TP3133	E-2	TP3156	B-2
		TP3111	G-1	TP3134	E-1	TP3157	B-2
Q2314	B-2	TP3112	G-1	TP3135	E-1	TP3158	B-2
Q2315	C-1	TP3113	G-1	TP3136	E-1	TP3159	B-2
Q3321	F-4	TP3114	G-1	TP3137	E-1	TP3160	G-2
Q3323	F-4	TP3115	G-1	TP3138	E-1	TP3161	B-2
TP		TP3116	G-1	TP3139	E-1	TP3162	B-2
••	1	TP3117	G-1	TP3140	E-1	TP3163	B-2
TP2301	D-2	TP3118	G-1	TP3141	E-1	TP3164	B-1
TP2302	D-2	TP3119	G-1	TP3142	E-1	TP3165	B-1
TP2303	D-2	TP3120	E-1	TP3143	E-1	TP3166	B-2
TP2304	C-2	TP3121	D-1	TP3144	E-1	TP3167	B-2
TP2305	B-3	TP3122	D-1	TP3145	E-1	TP3168	E-2
TP2307	C-2	TP3123	E-1	TP3146	B-2	TP3169	E-2
TP3101	G-1	TP3124	E-1	TP3147	B-2	TP3170	E-2
TP3102	G-1	TP3125	E-1	TP3148	B-2	TP3171	E-2
TP3103	G-1	TP3126	E-1	TP3149	B-2	TP3172	E-2
TP3104	G-1	TP3127	E-1	TP3150	B-2	TP3173	E-2
TP3105	G-1	TP3128	E-2	TP3151	B-2	TP3202	H-4

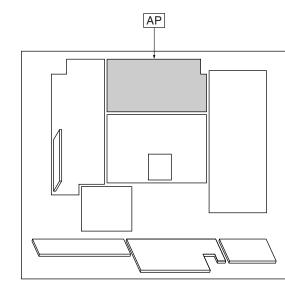


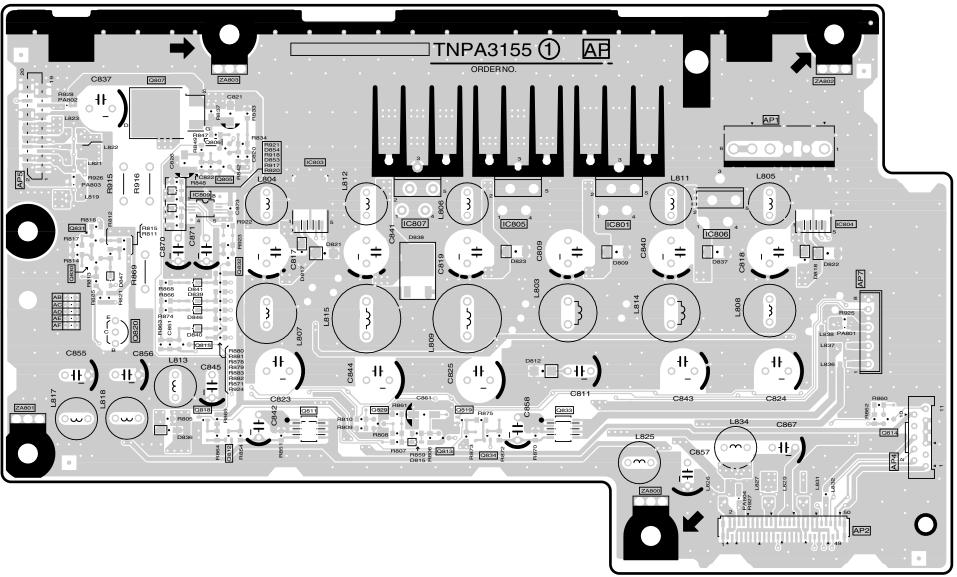
A-BOARD(FOIL SIDE) TNPH0578



TC-26/32LX20 A-BOARD TNPH0578 TC-26/32LX20 A-BOARD TNPH0578

AP-BOARD(COMPONENT SIDE) **TNPA3155**





Parts Location

AP-BOARD (COMPONENT SIDE)			
IC		TRANSISTO	R
IC801	E-4	Q805	C-4
IC803	C-3	Q806	C-4
IC804	G-3	Q807	B-4
IC805	E-4	Q811	C-2
IC806	F-3	Q812	C-2
IC807	D-4	Q813	D-2
IC809	B-4	Q814	G-2
		Q815	B-3
		Q818	C-2
		Q819	D-2
		Q820	B-3
		Q829	D-2
		Q830	B-3
		Q831	B-3
		Q832	C-3
		Q833	E-2
		Q834	D-2

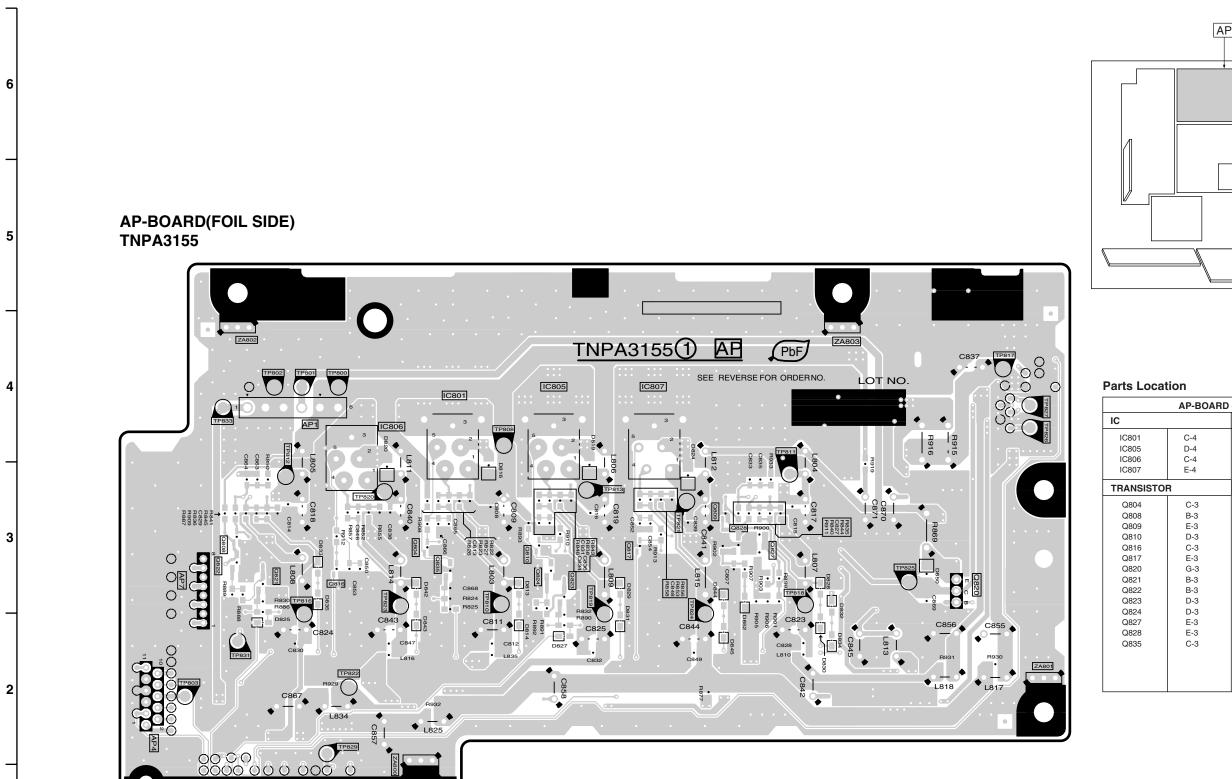
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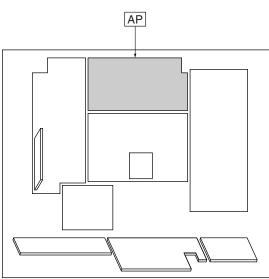
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AP-BOARD (FOIL SIDE)					
IC		TP			
IC IC801 IC805 IC806 IC807 TRANSISTOI Q804 Q808 Q809 Q810 Q816 Q817 Q820 Q821 Q822 Q823 Q824 Q827 Q828	C-4 D-4 C-4 E-4 3 C-3 B-3 D-3 C-3 E-3 G-3 B-3 B-3 D-3 D-3 D-3 E-3	TP TP800 TP801 TP801 TP802 TP803 TP808 TP810 TP811 TP812 TP813 TP816 TP817 TP818 TP819 TP820 TP821 TP822 TP823 TP824 TP825	C-4 B-4 B-4 B-2 D-4 D-3 F-3 B-3 D-3 B-3 G-4 F-3 C-3 E-3 C-2 C-3 E-2 F-3		
Q835	C-3	TP826 TP827 TP829 TP831	G-4 G-4 C-2 B-2		
		TP833	B-4		

TC-26/32LX20 AP-BOARD TNPA3155

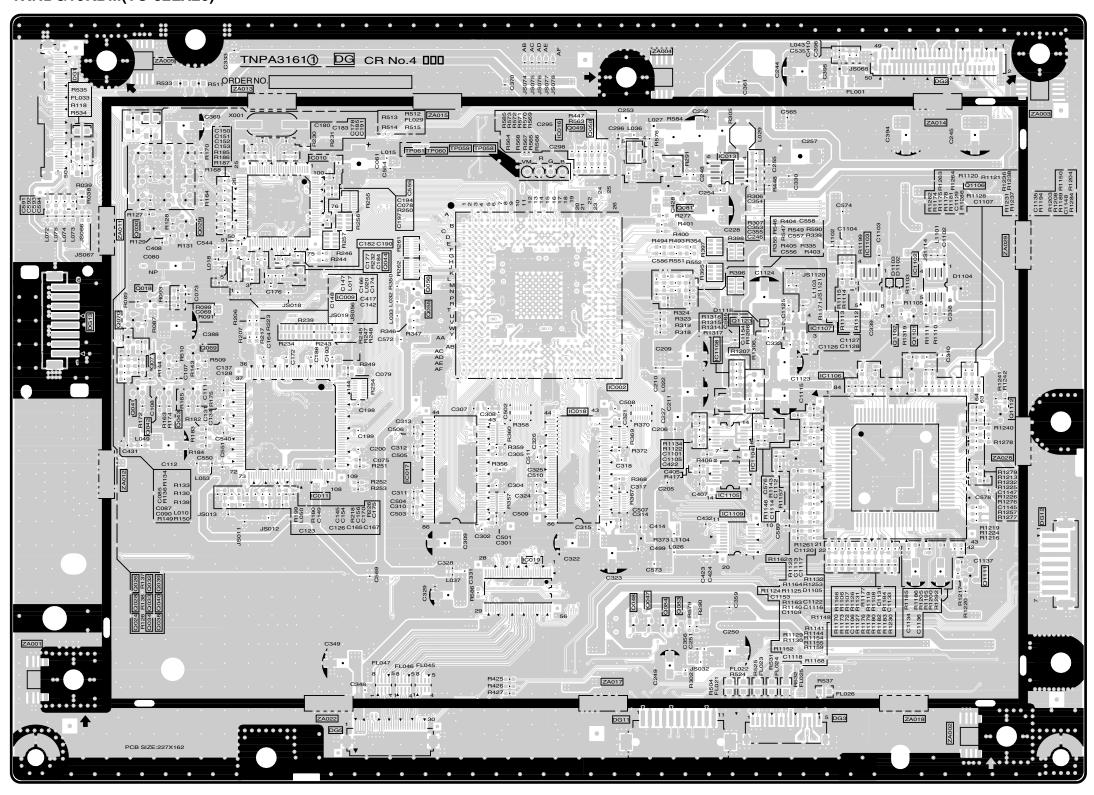
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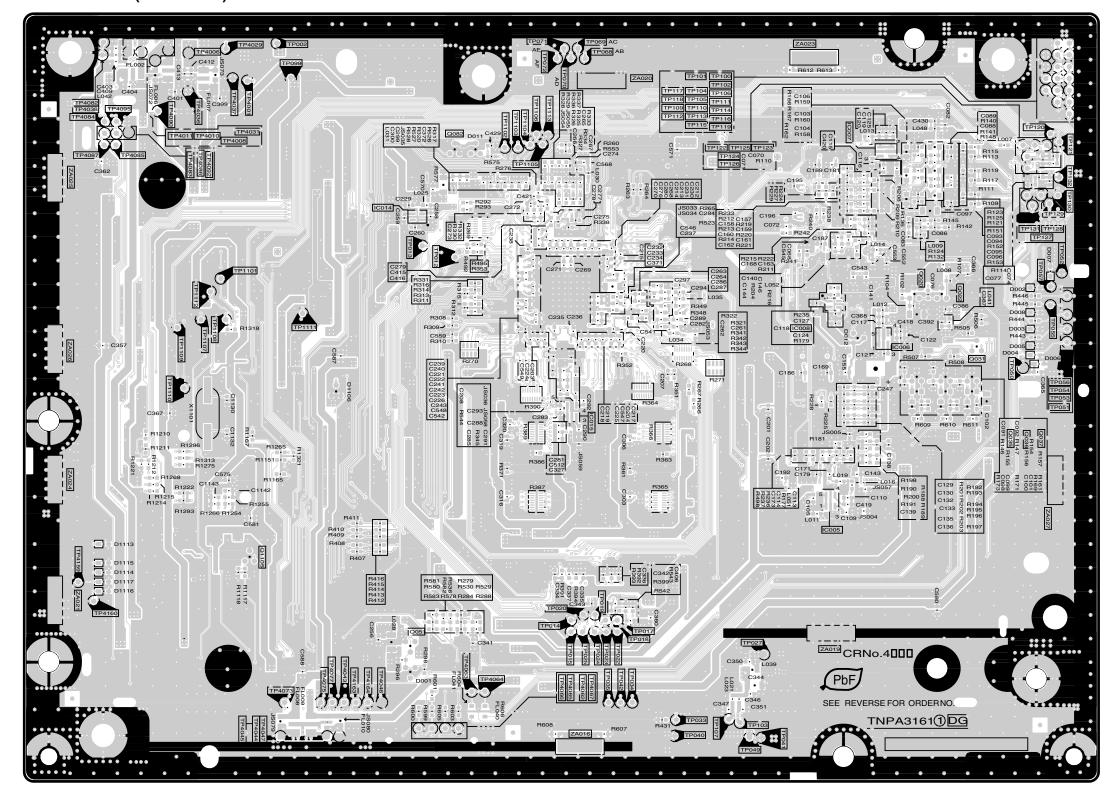
D

TC-26LX20 DG-BOARD TXNDG10KFM TC-32LX20 DG-BOARD TXNDG10KDM

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TC-26LX20 DG-BOARD TXNDG10KFM TC-32LX20 DG-BOARD TXNDG10KDM

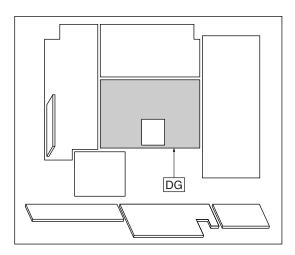
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TC-26LX20 DG-BOARD TXNDG10KFM TC-32LX20 DG-BOARD TXNDG10KDM

TC-26LX20 DG-BOARD TXNDG10KFM TC-32LX20 DG-BOARD TXNDG10KDM

B C D E F G H I

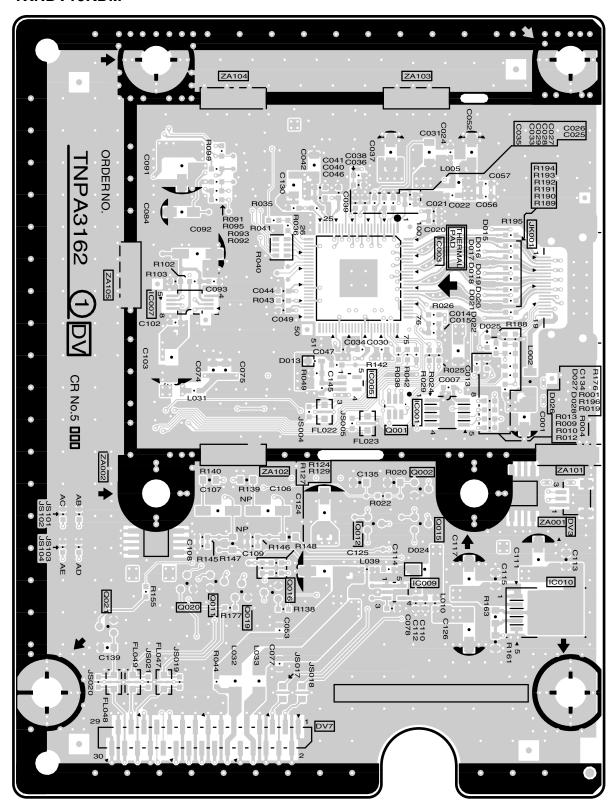


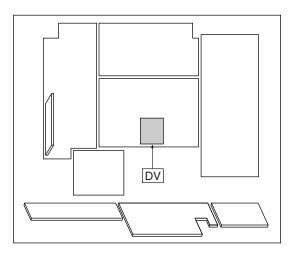
DG-BOARD (FOIL SIDE)							
IC		TP4011	B-6	TP4062	D-2	TP4116	H-6
IC4005	F-3	TP4012	D-4	TP4063	D-2	TP4117	H-6
		TP4013	D-4	TP4064	D-2	TP4118	H-6
IC4006	G-4	TP4014	E-2	TP4065	D-2	TP4119	H-6
IC4007	G-5	TP4015	E-2	TP4066	D-2	TP4120	H-5
IC4008	F-4	TP4017	E-2	TP4067	D-2	TP4121	H-5
IC4014	D-5	TP4018	E-2	TP4068	E-6	TP4122	H-5
IC4015	E-3	TP4019	E-2	TP4069	E-6	TP4123	H-5
TRANSISTO	R	TP4020	E-2	TP4070	E-6	TP4124	H-5
		TP4022	E-2	TP4071	E-6	TP4125	H-5
Q1105	C-2	TP4023	E-2	TP4072	E-6	TP4126	H-5
Q4020	G-4	TP4024	E-2	TP4073	C-1	TP4127	H-5
Q4022	G-4	TP4025	E-2	TP4075	C-1	TP4128	H-5
Q4031	G-4	TP4027	F-2	TP4077	C-1	TP4129	H-5
Q4035	H-3	TP4029	B-6	TP4082	B-5	TP4130	H-5
Q4036	H-3	TP4031	B-6	TP4083	B-5	TP4131	H-5
Q4037	H-3	TP4033	E-1	TP4084	B-5	TP4132	H-5
Q4051	D-2	TP4034	E-1	TP4085	B-5	TP4159	A-2
Q4082	D-5	TP4035	E-1	TP4086	B-5	TP4160	B-2
		TP4036	B-5	TP4087	B-5	TP4163	C-2
TP		TP4037	B-6	TP4090	B-5	TP4164	C-2
TP1101	B-4	TP4038	B-5	TP4092	B-5		0 -
TP1102	D-5	TP4040	E-1	TP4095	B-5		
TP1103	D-5	TP4041	F-1	TP4099	C-6		
TP1104	D-5	TP4042	E-1	TP4100	H-6		
TP1105	D-5	TP4043	C-1	TP4101	H-6		
TP1106	D-5	TP4044	C-1	TP4102	H-6		
TP1107	B-4	TP4045	C-1	TP4103	F-1		
TP1108	B-4	TP4046	C-1	TP4104	H-6		
TP1109	B-4	TP4047	C-1	TP4105	H-6		
TP1110	B-4	TP4049	F-1	TP4106	H-6		
TP1111	C-4	TP4050	H-4	TP4107	F-1		
TP1112	B-4	TP4051	H-4	TP4109	H-6		
TP1113	E-5	TP4052	H-4	TP4110	H-6		
TP4001	C-6	TP4053	H-4	TP4111	H-6		
TP4002	C-6	TP4054	H-4	TP4112	H-6		
TP4006	B-6	TP4055	H-4	TP4113	H-6		
TP4008	B-6	TP4056	H-4	TP4114	H-6		
TP4010	B-6	TP4057	H-4	TP4115	H-6		

Parts Location

DG-BOARD (COMPONENT SIDE)					
IC		TRANSISTO	R	TP	
IC1102	G-4	Q1101	G-4	TP4058	E-5
IC1103	G-4	Q1102	G-4	TP4059	E-5
IC1104	F-3	Q1106	G-4	TP4060	E-5
IC1105	F-3	Q1111	H-2	TP4061	E-5
IC1106	F-4	Q1112	H-3		
IC1107	F-4	Q1123	F-4		
IC1108	F-4	Q4018	B-4		
IC1109	F-4	Q4024	B-5		
IC4002	E-4	Q4026	B-5		
IC4009	C-4	Q4028	B-5		
IC4010	C-5	Q4029	B-5		
IC4011	C-3	Q4030	B-5		
IC4013	F-5	Q4032	B-5		
IC4016	E-5	Q4033	B-5		
IC4017	D-3	Q4034	B-5		
IC4018	E-3	Q4038	B-5		
IC4019	E-2	Q4039	B-5		
		Q4040	B-5		
		Q4041	B-3		
		Q4042	B-3		
		Q4043	B-3		
		Q4044	C-4		
		Q4047	E-2		
		Q4048	E-2		
		Q4049	E-5		
		Q4050	E-5		
		Q4055	D-4		
		Q4056	D-4		
		Q4069	B-4		
		Q4070	B-4		
		Q4071	B-4		
		Q4081	F-5		
		Q4083	F-2		
		Q4084	E-2		
	I	I	I	I	1

DV-BOARD(COMPONENT SIDE) TXNDV10KDM





Parts Location

G

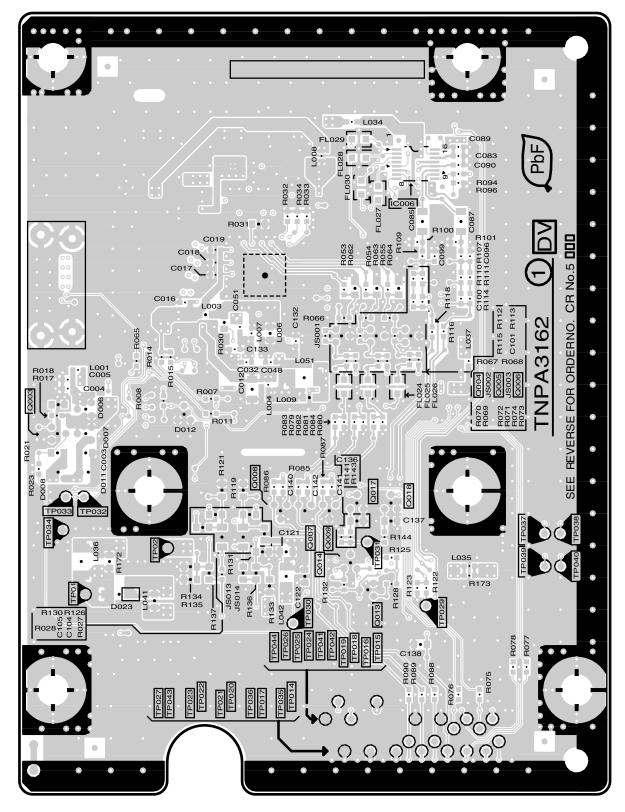
DV-BOARD (COMPONENT SIDE)						
IC		TRANSISTO	R			
IC5001	D-3	Q5001	D-3			
IC5003 IC5005	D-4 D-3	Q5002 Q5011	D-3 C-2			
IC5007 IC5009	B-4 D-2	Q5012 Q5015	D-3 D-3			
IC5010	E-2	Q5015	C-2			
		Q5019 Q5020	C-2 C-2			
		Q5020 Q5021	B-2			

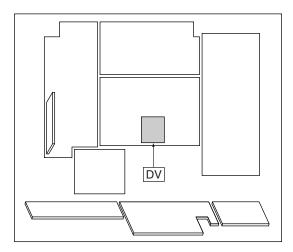
TC-26/32LX20 DV-BOARD TXNDV10KDM **A**

В

TC-26/32LX20 DV-BOARD TXNDV10KDM

DV-BOARD(FOIL SIDE) TXNDV10KDM





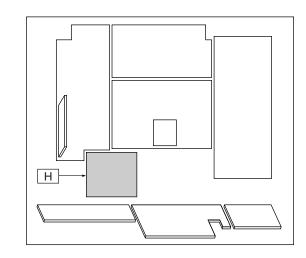
Parts Location

DV-BOARD (FOIL SIDE)						
IC		TP		TP5029	D-2	
IC5006	D-5	TP5001 TP5002	B-2 B-3	TP5030 TP5031	C-2 D-3	
TRANSISTOR Q5003 B-3		TP5014 TP5015	E-1 E-1	TP5032 TP5033	B-3 B-3	
Q5003 Q5004 Q5005	D-3 D-3	TP5016 TP5017	D-1 D-1	TP5034 TP5035 TP5036	B-3 D-1 D-1	
Q5006 Q5007	D-3 C-3	TP5018 TP5019 TP5020	D-1 D-1 D-1	TP5036 TP5037 TP5038	E-3 E-3	
Q5008 Q5009 Q5013	C-3 C-3 D-2	TP5020 TP5021 TP5022	D-1 D-1 D-1	TP5039 TP5040	E-3 E-3 D-1	
Q5014 Q5017	D-3 D-3	TP5023 TP5024	D-1 D-2	TP5041 TP5042 TP5043	D-1 D-1 D-1	
Q5018	D-3	TP5025 TP5026 TP5027	D-1 C-2 D-1	TP5044	C-1	

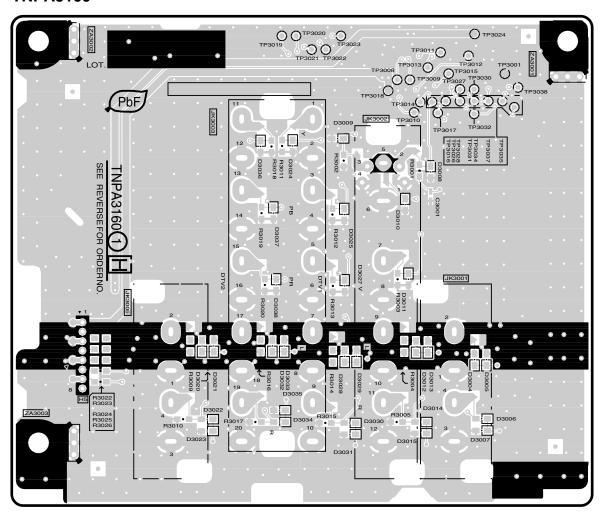
TC-26/32LX20 DV-BOARD TXNDV10KDM TC-26/32LX20 DV-BOARD TXNDV10KDM

DV-BOARD TXNDV10
B | C | D | E | F | G | H | I

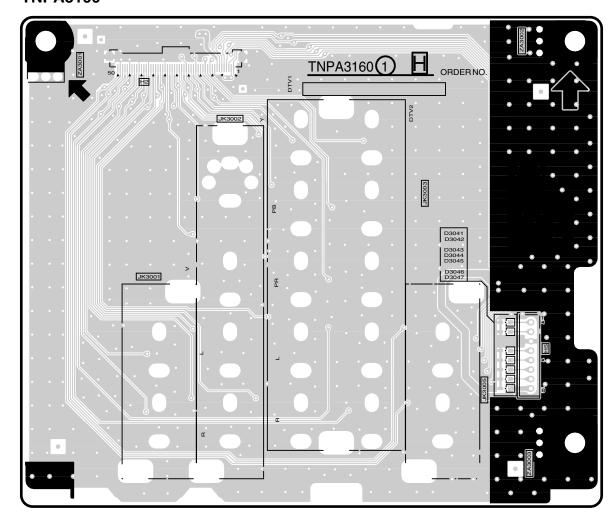
H-BOARD (FOIL SIDE)					
TP		TP3020 TP3021	C-4 C-4		
TP3001 TP3008 TP3009 TP3010 TP3011 TP3012 TP3013 TP3014 TP3015 TP3016 TP3017	D-4	TP3022 TP3022 TP3023 TP3024 TP3026 TP3027 TP3028 TP3030 TP3031 TP3032 TP3034 TP3035	C-4 C-4 D-4 D-4 D-4 D-4 D-4 D-4 D-4		
TP3018 TP3019	D-4 C-4	TP3037 TP3038	D-4 E-4		



H-BOARD(FOIL SIDE) TNPA3160

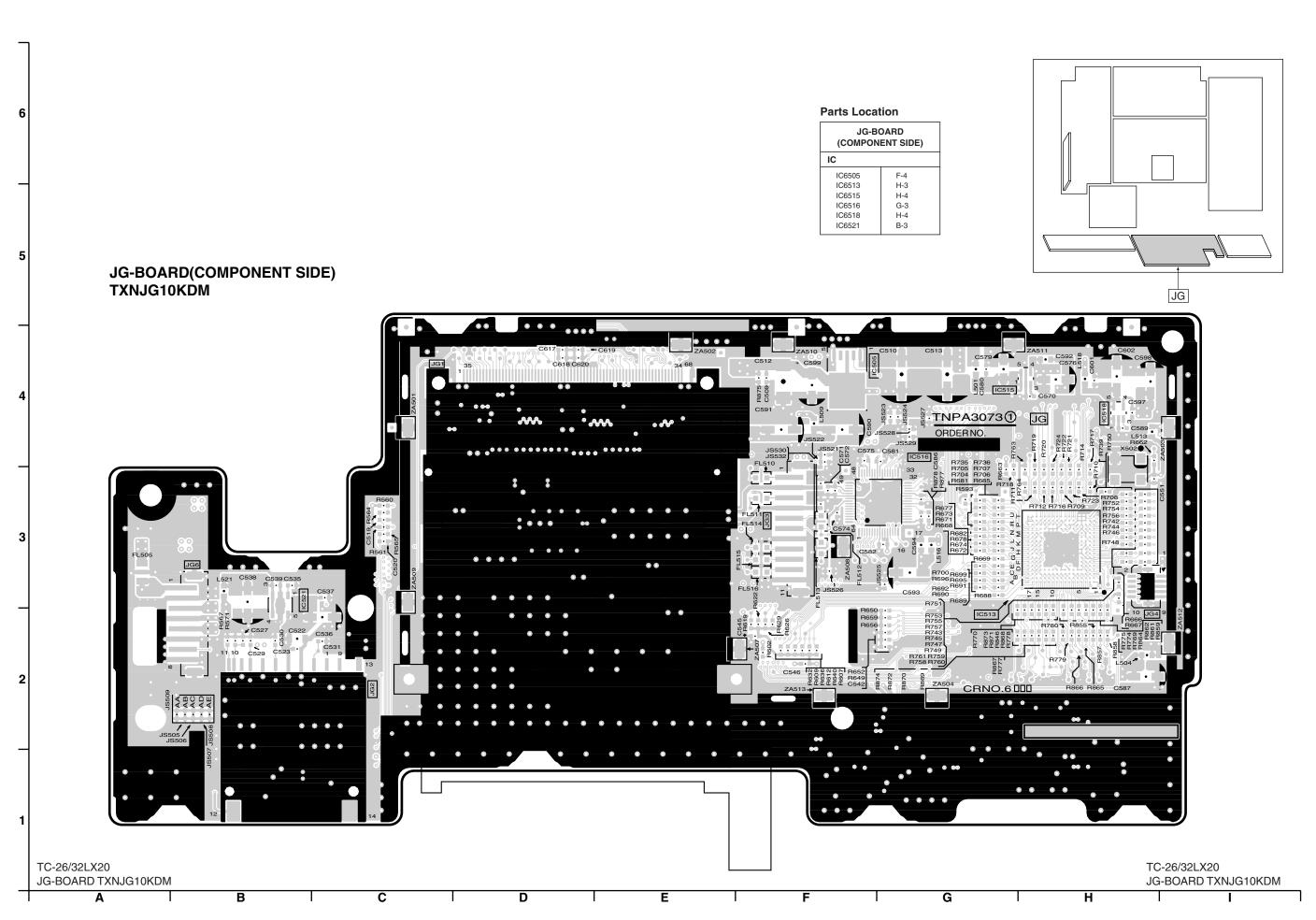


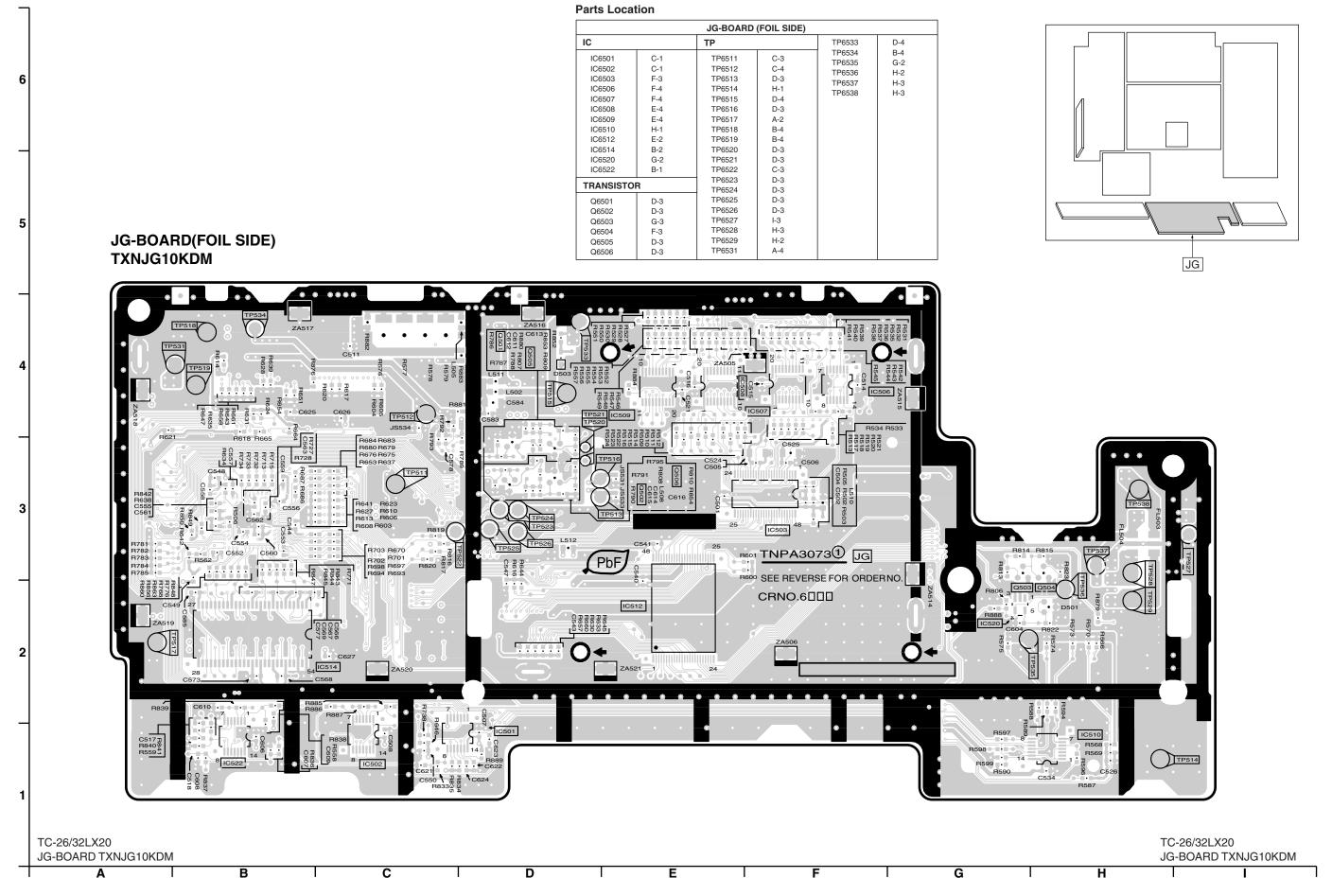
H-BOARD(COMPONENT SIDE) TNPA3160

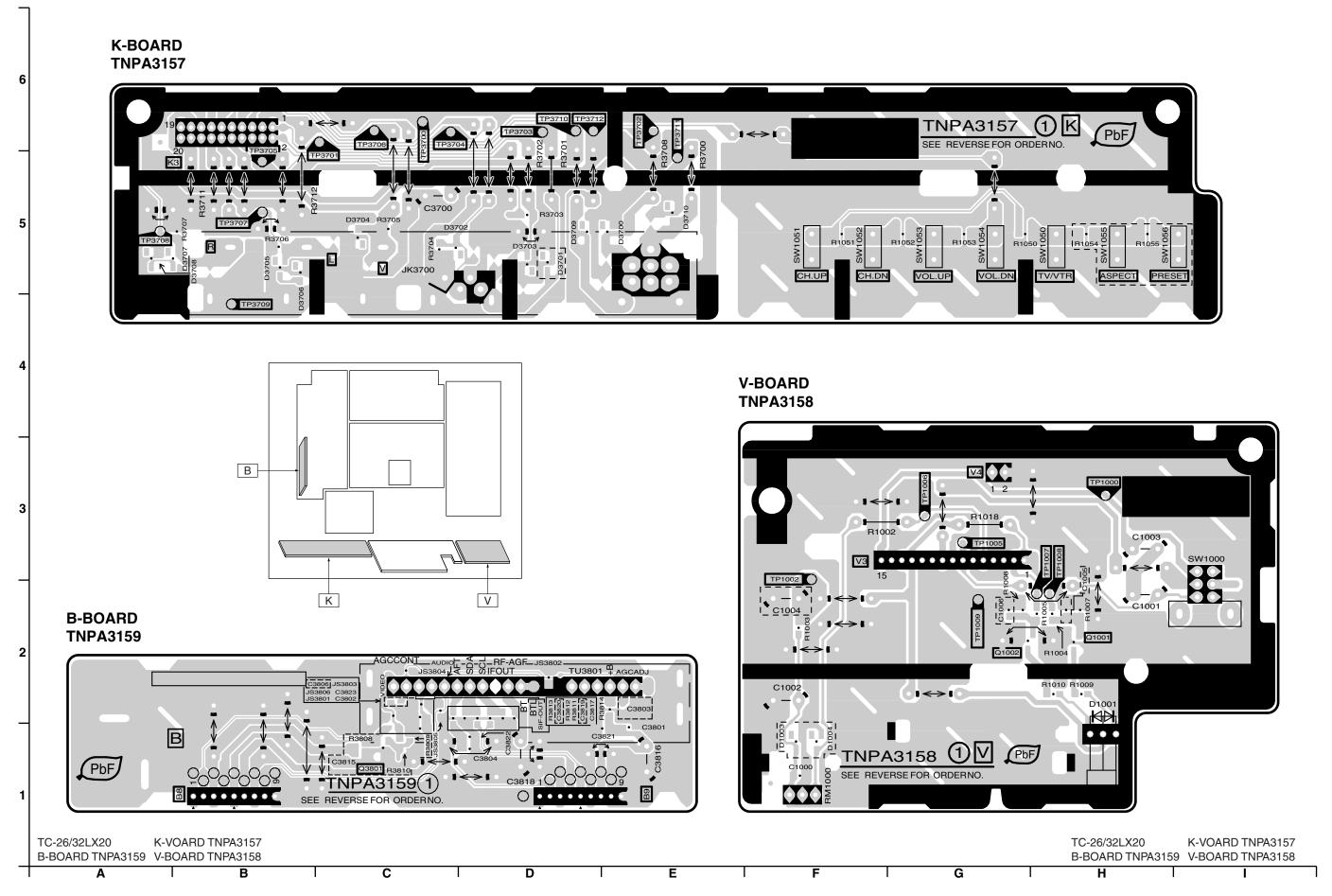


TC-26/32LX20 H-BOARD TNPA3160 TC-26/32LX20 H-BOARD TNPA3160

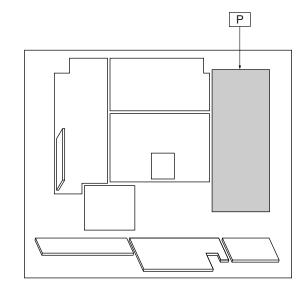
B C D E F G H



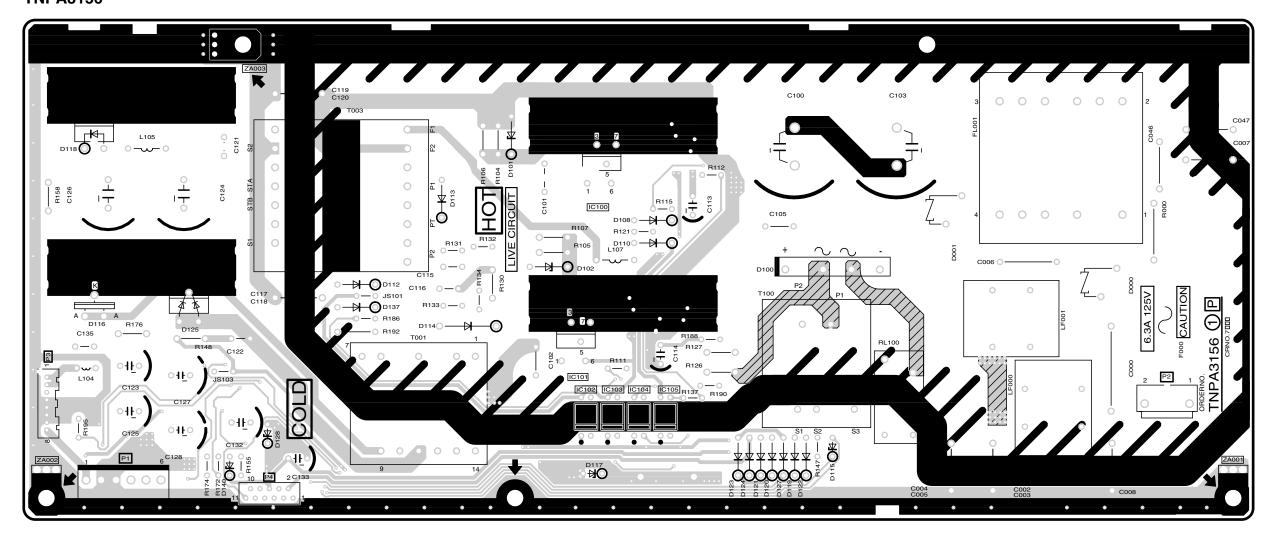




P-BOARD (COMPONENT SIDE)					
IC		TRANSISTO	R		
IC7100	E-3	Q7100	E-2		
IC7101	E-2	Q7101	E-4		
IC7102	E-2	Q7102	E-4		
IC7103	E-2	Q7103	E-2		
IC7104	E-2	Q7104	E-3		
IC7105	E-2	Q7105	E-1		
IC7106	F-1	Q7106	E-1		
		Q7108	H-2		
		Q7109	H-2		
		Q7110	H-2		
		Q7111	H-2		
		Q7112	H-2		
		Q7113	E-2		
		Q7114	D-2		
		Q7115	I-1		
		Q7116	H-2		



P-BOARD(COMPONENT SIDE) **TNPA3156**

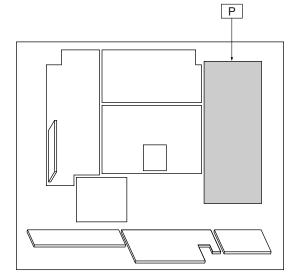


TC-26/32LX20 P-BOARD TNPA3156 TC-26/32LX20 P-BOARD TNPA3156

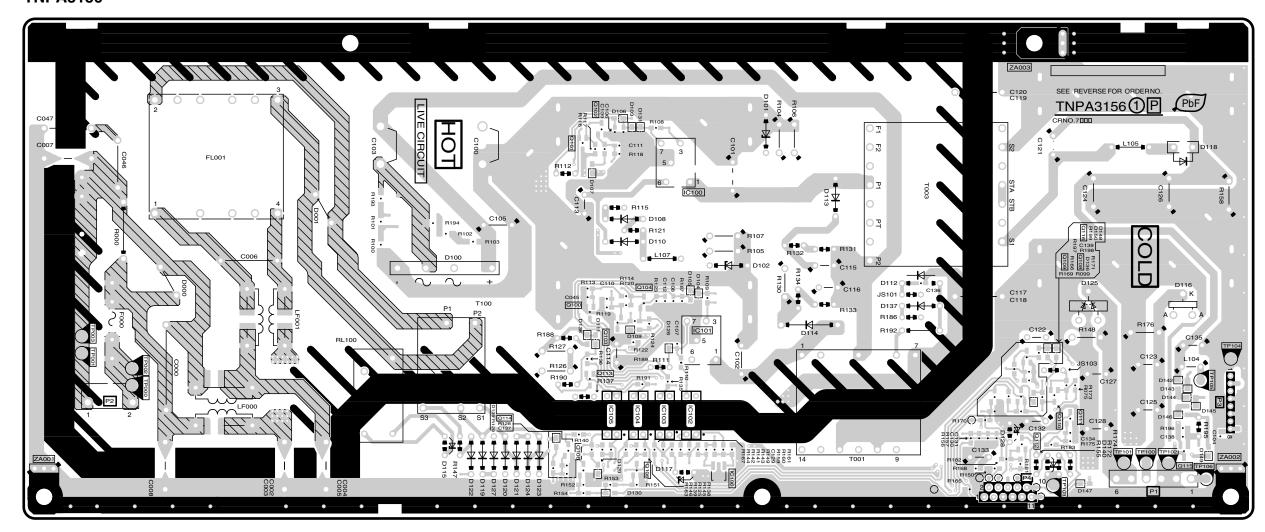
В

G

P-BOARD (FOIL SIDE)					
IC		TP			
IC7100	E-3	TP7000	B-2		
IC7101	E-2	TP7001	A-2		
IC7102	E-2	TP7002	B-2		
IC7103	E-2	TP7003	A-2		
IC7104	E-2	TP7100	H-1		
IC7105	E-2	TP7101	H-1		
		TP7102	I-1		
		TP7103	H-1		
		TP7104	I-2		
		TP7105	I-2		
		TP7106	I-2		



P-BOARD(FOIL SIDE) **TNPA3156**



TC-26/32LX20 P-BOARD TNPA3156 TC-26/32LX20 P-BOARD TNPA3156

